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CONVENIENT AND ORNAMENTAL
ARCHITECTURE,
CONSISTING OF
ORIGINAL DESIGNS,

FOR
Plans, Elevations, and Sections:

Beginning with the FARM HOUSE,

AND

Regularly ascending to the most grand and magnificent VILLA;

Calculated both for TOWN and COUNTRY, and to suit all Persons
in every Station of Life.

ENGRAVED ON SEVENTY COPPER PLATES.

With REFERENCE and EXPLANATION in LETTER PRESS, of the Use
of every Room in each separate Building, and the Dimensions
accurately figured on the PLANS, with exact SCALES for
MEASUREMENT.

By JOHN CRUNDEN, ARCHITECT.

A NEW EDITION.

L O N D O N:

Printed for I. and J. TAYLOR, at the ARCHITECTURAL LIBRARY,
HIGH HOLBORN.

M.DCC.XCVII.

P R E F A C E.

IN conformity to custom, I have introduced a Preface, which gives me an opportunity to say, the following designs are the contemplations of my leisure hours for several years past, and, at the request of a few particular friends, well versed in the knowledge and practice of Architecture, have made them public, which I hope will be found of general utility; as they begin with the Farm House, and regularly ascend to the magnificent Villa.

Notwithstanding the rapid progress of Architecture in England for many years past, together with the numerous buildings that are daily erecting, think, as I have been particularly careful in compiling the following designs, to render them very clear and intelligible to gentlemen and workmen, they cannot fail being found striking and useful, many of the designs being entirely out of the common style of building;

and, in the distribution of my Plans, have constantly preserved in my ideas strength and conveniency, and have embraced every opportunity of blending simple elegance with them; and that nothing might be wanting to make the following work perfect and easily understood, have not only figured the dimensions of every room, but have also given an explanation in letter press, with references, explaining the intended use of every room in each design, which are all drawn to the same scale, except the sections, which, as well as every other design, have scales prefixed to them.

The heights of rooms in small houses are generally the same on one floor, which are from 10 to 12 or 14 feet for the parlour story; and for the chamber story from 9 to 12 feet high; but, in magnificent buildings, more regard should be given to the proportion of rooms, which must be ruled by their figure; if square and flat ceiled, their height may be from three-fourths to four-fifths of the side, *i. e.* if a room be twenty feet square, three-fourths of the side is fifteen feet, and four-fifths of twenty feet; the dimensions of the same side is sixteen feet, so that the difference is one foot: the height should not be less than one, nor exceed the other; if the ceiling be coved, their heights must be from four-fifths to five-sixths of the side; oblong rooms may be brought to the same proportion, by adding one long and one short side together, and take half for the side of the square.

The

The materials used for building, in this country, are well known by all professors of the art ; therefore shall only say, where expence is not regarded, stone is to be preferred for fronts ; the next material, near London, are grey stock bricks : but in countries where bricks of this kind cannot be procured at a moderate expence, would advise stucco on such brick as the country may produce, which, if executed by a skilful workman, will endure all kind of weather, and, in appearance, have every advantage of stone, on plain buildings.

To be sparing of antique ornaments, as they are termed, on the outside of a building, would shew true taste in an Architect ; I mean foliage and bass relief in pannels near the top of a building, whose figure and imboss is so minute, that it could hardly be distinguished at the height of a common room ; at the same time introducing with propriety the simple orders of Architecture, as they are the proper and only ornaments that can be applied, in the fronts of buildings, where elegance is preserved, except the tympanum of a pediment, in which foliage or bass relief may be introduced, and will have a good effect, but not of an imboss as above ; for elevated ornaments of all kinds should be but of few parts, and strongly marked, that they may not appear confused ; whilst those near the eye have every raffle neat and minutely carved, that the whole may be light and of a pleasing effect.

After

After giving reasons for publishing this work, and my sentiments on the principles of Building, Ornamenting, &c. shall only say, that the general approbation I have received from my friends, since the finishing of it; flatters me it will meet with a candid reception; however, that my expectations may not be thought unreasonable by the public, and in particular by my friends, only expect, if in this Performance I have shewed any degree of merit, that I may have an adequate share of applause.

I should consider myself very deficient in gratitude if, in addition to the above, I did not embrace the opportunity this *New Edition* affords of expressing my thanks to an indulgent Public for the increased sale this work of late has met with: this flattering approbation leads me to hope that as my labours have not been disregarded, so neither have they been without their uses.

E X P L A-

EXPLANATION

OF THE

PLATE S.

PLATE I. and II.

PLAN and elevation for a farm house and yard, calculated for any corn country, and to front the south, as the buildings that inclose the yard will be good shelter for the cattle, which will not only be to the comfort of the beasts, but greatly to the advantage of the owner, it being impossible for cattle to thrive, in bad weather, if they are not well sheltered. The disposition of this plan will furnish sufficient hints for laying out a farm yard of any dimensions: even this might be greatly extended, by adding to the length of the two hovels, and a hovel, or any other convenient building, in the two flanks. This design is intended to be occupied in the following manner: A. entrance to the house and stair-case,

case, B. parlour, C. kitchen, D. dairy, E. pantry, F. china closet, G. wash-house, H. wood-house, I. plan of the chamber floor, which contains four bed-rooms. There are cellars and garrats intended in this house for the use of servants, &c. K. is the plan of the stables, LL. barns, MM. hovels, N. pig-sties, O. pond for cattle, P. stall for oxen. Q. wain-house, R. dove-house, S. calf-stall, T. stall for cows, U. stair-case, W. nag-stable, XX. close yards. The dimensions are figured on the plan, and the heights of the elevation may be found by the scale; the whole extends 302 feet. If any of the succeeding plans and elevations should be thought more eligible for the dwelling house, may be introduced with propriety.

P L A T E III.

Plan and elevation designed for a single person in some remote country where elegance is not required; may be built with such materials as the country affords, and the apartments thus disposed: A. plan of the parlour floor, B. hall and stair-case, C. parlour, D. kitchen, E. pantry, F. store-room, G. plan of the chamber floor, which contains three bed-rooms. There may be cellars and garrets lighted from the back front. The dimensions are figured on the plan.

P L A T E IV.

Plan and elevation, 32 feet in front by 23 deep, intended for a small family and a country situation; may be built with or without garrets, as the family may require; and if a cow, &c. is kept, may be occupied as follows: B. the parlour, C. kitchen, D. wash-house, E. dairy, F. the stair-case, G. plan of the chamber-floor, on which are four bed rooms: the other offices may be on the cellar plan. The dimensions are figured.

P L A T E V.

Plan and elevation of a farm house, 36 feet in front by 22 feet deep, with a wash-house attached. There must be cellars and garrets lighted from the flanks. The use of this design is calculated thus: A. principal entrance and stair-case, B. parlour, C. kitchen, D. dairy, E. pantry, F. wash-house, G. plan of the chamber story, which contains four bed-rooms and a large closet. The dimensions are figured on the plan. Though the heights of the stories may be found by the scale, it may be necessary to observe that the general heights of stories in these common buildings, are from 9 to 11 feet high for the parlour story, and from 7 to 9 feet high for the chamber story.

P L A T E VI.

This design would make a good farm house; the cross lights are intended for the advantage of commanding the farm and servants, from every quarter, and the house might be made very convenient thus laid out: A. plan of the parlour and kitchen floor, B. passage leading to the back front of the house, C. common parlour, D. best parlour. E. the kitchen, F. back stair-case, G. wash-house; the other offices are intended to be on the cellar plan; H. plan of the chamber floor, which contains four very good bed rooms and a light closet. The dimensions are figured on the plans. If found necessary, there may be garrets, and lighted from the flanks and back front.

P L A T E VII.

Plan and elevation, 50 feet in front by 42 deep. There are five rooms and two good stair-cases on each floor; and if laid out thus, will make a convenient house: A. vestibule, B. library, C. dressing room, D. kitchen, E. back stairs, F. best parlour, G. best stairs leading to the drawing room, K. on the chamber floor, which contains, excluding the drawing room, four good bed rooms. The dimensions are marked on the plans. Cellars must be introduced,
and

and garrets may, if found necessary, and lighted from the back front.

PLATE VIII.

Plan and elevation for a small house, to be built near town for the use of a tradesman. The apartments may be thus disposed: A. vestibule, BB. parlours, C. kitchen, D. divided for pantries, E. stair-case. The one pair of stairs floor contains a dressing room and four bed chambers. The dimensions are figured.

PLATE IX.

Plan and elevation, 47 feet in front by 34 feet deep, calculated for a country situation, and to be thus laid out: A. entrance and gallery leading through the house, BB. parlours, C. library, D. kitchen, E. back stairs, F. best stairs, G. closet, H. plan of the chamber floor, which contains four bed rooms, and a closet to every room. The dimensions are marked on the plan.

PLATE X.

Plan and elevation of a building in the Gothic taste, 45 feet in front by 40 deep; the apartments, to be rendered very convenient, must be as follows:

B 2

A. ves-

A. vestibule, B. library, C. eating parlour, D. drawing room, E. china closet, F. gallery of communication, G. the stair-case, H. plan of the chamber floor, which contains a dressing room and four bed rooms. There are intended two rooms in the attic of the turrets, which are for domestic use. The dimensions of the plans are figured.

P L A T E X I.

Contains another building in the Gothic taste: this may be built with brick, and ornamented with stone, or rather wood. As the plan is so trifling, the use is intended as follows; A. entrance and stair-case, BB. parlours, C. laundry, store-room, &c. D. kitchen, F. plan of the chamber floor, on which are four d rooms. The dimensions are figured on the plans.

P L A T E X I I.

Plan and elevation of a building, 44 feet in front by 30 feet deep, with two octangular bow windows in front, which are introduced more for variety than choice; but a house thus built, makes a great figure in the eyes of country people, and renders, as they think, the house very cheerful: however, every one has an undoubted right of choosing for himself. This may be used for a small farm house, as follows: A. principal entrance, B. parlour, C. kitchen, D. wash-house, E. dairy,

dairy, F. stair-case and back entrance; the other offices are intended to be on the cellar plan; G. plan of the chamber floor, which contains five bed rooms. The dimensions are figured on the plan.

P L A T E XIII.

Plan and elevation, 52 feet in front by 38 deep, calculated for a large family, town situation, and the apartments to be thus disposed: A. entrance, B. common parlour, C. eating parlour, D. housekeeper's room, E. best stair-case, F. drawing room; on the other plan, G. dressing room, H. library, I. gallery. The sleeping rooms are in the attic story, and the offices on the cellar plan. The dimensions of each room are figured.

P L A T E XIV.

Plan and elevation, 64 feet in front by 44 deep, intended for a town situation, where the back front commands the river, or some other agreeable object; A. hall, B. saloon, C. parlour, D. library, E. china closet, F. housekeeper's room, G. kitchen. Plan of the principal floor is on plate 15.

P L A T E

P L A T E X V .

Figure K. plan of the principal floor to the preceding design, LL. drawing rooms, MM. dressing rooms, NN. bed rooms, O. gallery. The attic contains one dressing and five very good bed rooms. Figure A. plan of the chamber floor to plate 16, on which plan is a drawing room, dressing room, and four bed rooms.

P L A T E X V I .

Plan and profile of a building in the modern taste, with six rooms, two stair-cases, and a gallery of communication on each floor, and the apartments thus: A. the entrance and vestibule, B. anti-room, C. lady's library, D. gentleman's library, E. dining room, F. the withdrawing room, GG. stair-cases. The dimensions are figured on the plan; the offices are intended on the cellar plan.

P L A T E X V I I .

Plan and elevation of a country house, 85 feet in front, including the attached wings, which contain the offices; the plan is intended in the following manner: A. entrance, B. library, C. eating parlour, D. withdrawing room, E. china closet, F. wash-house,

house, G. the servants hall, H. kitchen, II. pantry, &c. K. best stair-case. The chamber floor is on plate 18, which contains seven bed rooms and two dressing rooms.

P L A T E XVIII.

Plan of the chamber floor to plate 17, with a different elevation calculated for the same plan, with the addition of attics, &c.

P L A T E XIX.

Plan and elevation of a building, 50 feet in front by 40 feet deep, taking the mean of the bow, calculated for either town or country; the apartments thus disposed: A. the entrance, B. the common parlour, C. the dining room, D. china closet, E. servants hall, F. the stair-case, G. on the other plan, the drawing room, H. library, I. bed room, K. dressing room. The dimensions are figured.

P L A T E XX.

Plan and elevation of a small villa: the style is singular, and the plan very convenient; the disposition of the apartments is as follows: A. entrance and vestibule, B. parlour, C. the best stairs, L. library, E. china closet, F. passage of communication to the
servants

servants apartments, G. the servants hall, H. the kitchen, I. the butler's pantry, K. back stairs, M. landing on the best stairs, chamber plan, N. withdrawing room, O. bed room, P. dressing room, Q. landing on the back stairs, R. S. and T. bed rooms. The dimensions are marked on the plans ; the other offices are on the cellar plan.

P L A T E XXI.

Plan and elevation, 64 feet in front by 58 deep, contains seven rooms and two stair-cases on each floor, thus disposed : A. the hall, B. common parlour, C. library, D. china closet, E. music room, F. eating room, G. withdrawing room, HH. stair-cases which lead to the chamber floor ; on ditto are five bed and two dressing rooms. The dimensions are figured.

P L A T E XXII.

Plan and elevation of a building, calculated for a single gentleman with a small family ; as, A. hall and stair-case, B. library, C. parlour ; plan of the chamber floor is on plate 23 ; the dimensions are marked on the plan ; the offices are to be on the cellar plan.

PLATE XXXIII.

Contains the chamber floor to the preceding design, on which floor are three bed rooms. If necessary, garrets or attics may be introduced in this design.

PLATE XXIV.

Plan and elevation of a small villa, with wings which join the house by arcades; this design put into execution would have an admirable good effect: B. vestibule, C. library, D. the eating parlour, E. the stair-case which leads to the withdrawing room, figure F. plan A. on plate 23; on which plan are also two bed rooms and a small dressing room; the servants are to sleep in the wings; G. housekeeper's room, H. footman's room, I. larder, K. arcade, L. the kitchen, M. the stable, N. coach-house, OO. privies. The dimensions are figured on the plan.

PLATE XXV.

Plan and elevation of a house designed for LAWRENCE COX, Esq. to be built at Keston in Kent: the spot is desirable; the prospects are not extensive, but very beautiful and picturesque. The plan is laid out as, A. vestibule, B. the library, C. eating parlour, D. with-

D. withdrawing room, E. china closet, F. kitchen, G. pantry, &c. H. back stair-case, I. best stairs ; the other offices are on the cellar plan. The chamber plan is on plate 26.

PLATE XXVI.

Chamber plan, and the back front to the foregoing design: A. dressing room, B. &c. four bed rooms, CC. closets. The dimensions are marked on the plan.

PLATE XXVII.

Plan and elevation of two small houses, with stables, coach-house, &c. attached, calculated for some country town; the houses in every particular the same: AA. courts to be inclosed in front, with a wall about three feet high, and pallisadoes upon it, B. entrance, C. parlour, D. library, E. stair-case, F. coach-house, G. the stable, H. saddle room, I. passage leading to the back door. The drawing rooms may be on the chamber floor; their dimensions will be 24 feet by 15 feet; the dimensions of the other rooms are figured; the offices are on the cellar plan.

PLATE

P L A T E XXVIII. and XXIX.

Design for three town houses, making one regular elevation; the two end houses are alike, thus: A. entrance, B. library, C. parlour, D. entrance to the center house, E. the library, F. parlour, G. servants hall, H. clerk's office. The drawing rooms of all the houses are on the one pair of stairs floor, and the offices on the cellar plan.

P L A T E XXX. and XXXI.

Plan and elevation of a country house, with the offices in the wings attached, the apartments thus disposed: A. entrance and gallery leading through the house, B. common parlour, C. best parlour, D. library, E. housekeeper's room, F. butler's pantry, G. best stair-case, H. kitchen, I. scullery, K. pantry, L. servants hall, M. stable, N. coach-house, O. courtyard, P. passage. The chamber plan contains four bed rooms, dressing room, and a closet. The dimensions are figured.

P L A T E XXXII. and XXXIII.

Plan and elevation of a villa, 147 feet in front, with the stable offices in one wing, and the kitchen offices in the other. The house is divided by a longitudinal

itudinal passage on the basement. You enter this building on the base floor, pass through the hall marked A. which leads to a double flight of stairs, that meet by a landing on the principal floor; the base story is thus disposed: A. hall, B. the steward's room, C. butler's apartment, D. housekeeper's apartment, E. gun room, F. the kitchen, G. servants hall, H. scullery, I. pantry, K. the saddle room, LL. privies, M. stable, NN. coach houses, O. stable yard, PP. court yards, Q. the bake-house, R. laundry, S. store room, T. court, W. green-house. The dimensions are figured. Plan of the principal floor is on plate 34.

P L A T E XXXIV.

Figure A. plan of the principal floor, to the preceding design, B. landing on the best stairs, C. breakfasting room, D. dining room, E. library, F. bed room, G. dressing room, H. withdrawing room. There are attics intended in the back front, and one flank of this building. Figure B. plan of the chamber floor to plate 35, which contains a withdrawing room, two dressing rooms, and seven bed rooms. The dimensions are marked on the plan.

P L A T E

P L A T E XXXV.

Plan and profile of a building, calculated for a large family and a country situation; the apartments disposed in the following manner: A. the vestibule, BB. parlours, C. library, D. the housekeeper's room, E. the kitchen, F. bakehouse, G. servants hall, H. the butler's pantry, I. best stair-case, K. back stairs, L. faloon. The dimensions are figured.

P L A T E XXXVI.

Plan and elevation of a villa, designed for GEORGE PAINE, Esq. and built for him under my direction, at Brooklands, near Weybridge; basement not rusticated. The situation of this building is very desirable; in the fore front is a beautiful lawn, richly adorned with old oak trees, and other fine standards, covered from the north and east, with a plantation of several thousand young firs, of various species, in a flourishing habit, all planted by the worthy proprietor. The back front, which includes the best apartments, commands, at a little distance, the river Wey, and a very extensive prospect over a rich vale, bounded by a most beautiful chain of hills, which afford great variety of lights and shades, and consequently very pleasing and picturesque. The apartments are thus disposed: A. the vestibule, B. breakfasting parlour,

four, C. the library, D. private closet, E. the dressing room, F. bed chamber, G. best stair-case, H. eating parlour, K. the withdrawing room, M. &c. bed chambers, N. the nursery, OO. bed chamber, P. landing on the best stairs. The offices are on the base floor.

P L A T E XXXVII. and XXXVIII.

Plan and elevation of a villa in the Palladian style; the whole extends 302 feet. There are attics intended in the flanks and back front of this building, which may be seen by the section in plate 40. The base floor is thus disposed: A. common hall, B. steward's room, C. butler's apartment, D. waiting room for servants, E. servants hall, F. laundry, G. water closet, H. wine vault, I. the stair-case, K. housekeeper's apartment, L. store room for linen, &c. M. larder, N. the under butler's room, O. common store room, P. powdering room, Q. passage, RR. arcades, S. lobby and stair-case, T. the kitchen, U. bake-house, W. the pantry, X. dairy and court, Y. wash-house, Z. water closet, (stable wing) S. the harness room, TT. stables, UU. coach houses, W. saddle room, X. stable yard. The dimensions are figured, and the plan of the principal floor is on plate 39.

P L A T E XXXIX.

Plan of the principal floor to the preceding design, which is ascended to by a double flight of steps in the principal front, A. loggia, B. hall, C. the breakfasting room, D. the dining room, E. withdrawing room, F. library, G. anti-room, H. bed chamber, I. dressing room (a wardrobe and water-closet join the bed room), M. stair-case, which would admit of a back stairs to be carried up in the middle of ditto, NN. galleries. The dimensions are figured.

P L A T E XL.

Contains a section through the principal rooms of the preceding designs.

P L A T E XLI.

Plan and elevation of a country house in the modern taste, and would be convenient and elegant, the apartments thus disposed: A. hall, B. library, C. parlour, D. saloon, E. china closet, F. housekeeper's room, G. stair-case. Plan of the next floor is on plate 42, figure H. on which floor is a drawing room 25 feet diameter, two bed and two dressing rooms, and a wardrobe.

P L A T E

P L A T E XLII.

Figure H. plan of the principal floor to the preceding design, Figure X. plan of the chamber floor to the following plate, on which are three bed rooms, two dressing rooms, and a lady's library. The dimensions are figured on the plan.

P L A T E XLIII.

Plan and elevation for a country house; the apartments thus disposed: A. vestibule, B. stair-case, C. library, D. the dining room, E. withdrawing room, F. common parlour, G. servants hall. The dimensions are figured on the plan.

P L A T E XLIV.

Plan of the principal floor and profile of a building, 72 feet in front by 60 feet deep, calculated for a large family and a country situation; the addition of wings, &c. to this building, would make it a remarkable good family house. The apartments thus disposed, you ascend the floor by a double flight of steps: A. hall, on the left of which is an anti-room, 18 feet by 12 feet, C. the library, D. dining room, E. withdrawing room, F. bed chamber, G. dressing room, H. water

H. water closet, I. stair-case. The dimensions are figured on the plan.

P L A T E XLV.

Figure A. plan of the base floor to the foregoing design, which is intended as follows: B. common hall, C. laundry, D. the kitchen, E. pantry, F. larder, G. servants hall, H. butler's pantry, I. housekeeper's room. The dimensions are figured. The other plan is the principal floor to plate 46.

P L A T E XLVI.

Plan and elevation for a town mansion: the back situation must be open: if to the river or Hyde Park, would make this as convenient and pleasant a house as any in London, the apartments thus disposed: A. hall, B. anti-room, C. parlour, D. saloon, E. dressing room, F. steward's room, G. back stairs, H. best stairs, which lead to a noble drawing room, 46 feet by 28 feet. This plan is on plate 45; it contains, besides the drawing room, two dressing rooms and two bed rooms: there will be four other very good sleeping, and two dressing rooms; in the attic story there must be garrets for the servants: the offices for domestic use will be on the cellar plan.

P L A T E XLVII. and XLVIII.

Plan and elevation for a public inn, calculated for a country situation, thus disposed: A. entrance, B. the bar, C. small room to ditto, D. coffee room, E. dining room for passengers, F. public room, G. the kitchen, H. stair-case, I. larder, K. dining room for ostlers, &c. L. boot-catcher's room, MM. coach houses, NN. stables, OO. dung holes, PP. corn bins, A. privies, R. tap room, S. the bar to ditto. The dimensions are figured ; the plan of the one-pair of stairs floor is on the following plate.

P L A T E XLIX.

Figure A. plan of the one-pair of stairs floor to the foregoing, B. landing on the top of the stairs, C. the assembly room, D. drawing room, E. card room ; on other occasions, the assembly room may be divided into two, and the floor converted into club and lodging rooms. The dimensions are marked on the plan : the other plan contains the one-pair of stairs floor to the following plate, which is a more extensive design for an inn ; on this plan is a very elegant assembly room, a card room, a public and private drawing room, closets, &c. and the apartments may be divided as in the foregoing.

P L A T E

P L A T E L. and LI.

Plan and elevation for an inn, tavern, and coffee-house, intended for some public situation, whole extent 180 feet: A. the entrance, which leads through the house, B. coffee room, C. the bar, D. dining room for passengers, E. larder, FF. private dancing rooms, G. and H. waiters hall, I. stair-case which leads to the assembly room, &c. K. kitchen, L. ostler's dining room, &c. M. scullery, NN. coach houses, OO. stables, P. private saddle room, Q. boot-catcher's room, R. corn room, S. the tap house, T. bar to ditto, U. little parlour, W. a kind of colonnade, intended to support a covering, that persons may get into their carriages in rainy weather, without being incommoded by the rain, X. the stable yard, 140 feet by 50 feet. The dimensions are figured.

P L A T E LII. and LIII.

Plan and elevation of a mansion for a person of distinction, adapted to either town or country; it is something in the style of INIGO JONES: the effect and execution would be very elegant and superb, the apartments thus disposed: A. marble hall, with 12 columns of the Corinthian order, supporting a gallery which gives a communication to the next story, BB.

D 2

anti-

anti-rooms, CC. parlours, DD. galleries, E. the dancing room, F. saloon, G. the withdrawing room, H. gentleman's library, I. lady's library, K. principal library, LLL. statue and picture gallery, M. grand stair-case, N. back stair-case, OO. courts, Q. water closet. The dimensions are figured on the plan.

P L A T E LIV. and LV.

Plan and elevation of a small villa. The elevation of the house is the same as plate 25, with the addition of wings, &c. which were added and introduced by the request of the gentleman plate 25 was designed for; the plan is varied a little from 25, and the apartments thus disposed: A. the hall, B. breakfasting parlour, C. dining parlour, D. withdrawing room, E. best stair-case, F. servants hall, G. housekeeper's room, H. butler's pantry, I. back stairs, K. lobby, L. kitchen, M. brew-house, N. wash-house, OO. arcades, P. stable, Q. coach house, R. saddle room; the chamber floor nearly the same as 26. The dimensions are figured on the plan.

P L A T E LVI. and LVII.

Contain the section of the four sides of a room ornamented with stucco work, proper for an eating parlour.

P L A T E

P L A T E LVIII. and LIX.

Plan and elevation of a country house with wings attached; you enter this building on the base floor, passing through the hall marked A. then on the right and left are two grand stair-cases that lead to the principal floor, landing on a most elegant gallery, which gives a private communication to the whole floor, BB. stair-cases, CC. passages, D. anti-room, E. waiting room for servants, F. butler's pantry, G. house-keeper's apartment, H. servants hall, I. steward's room, K. vestibule, L. court, M. &c. lobbies that join the wings to the house, N. the kitchen, O. pantry, P. dairy, Q. the bake-house, R. wash-house, S. laundry, TT. stables, U. coach house, W. harness room, X. saddle-room, Y. groom's room, Z. stair-case to the next floor in the wings. The dimensions are marked.

P L A T E LX. and LXI.

Contain a section of the four sides of a room, ornamented with stucco work.

P L A T E LXII. and LXIII.

Plan and elevation of a country house, with wings which join the house by a colonnade to the Doric order;

der; the battlements on the parapet are introduced more for variety than choice; though, whatever may be the opinion of my censurers, I am convinced by experience, they will have a good effect in execution; the plan is intended to be laid out in the following manner: A. hall, B. anti-room, C. waiting room for servants, D. gallery leading to the garden front, E. breakfasting parlour, F. the dining room, G. withdrawing room, H. study, I. best stairs, K. servants hall, LL. colonnades, M. the kitchen, N. wash-house, O. butler's pantry, P. common pantry, Q. larder, R. privy, SS. courts, T. stables, U. coach house, W. saddle room, X. corn room, Y. stairs. The dimensions are figured.

P L A T E LXIV.

Plan and elevation of a country house, 84 feet in front by 40 deep; the back front is adapted to command the best prospects, and the whole will make a good family house thus occupied: A. vestibule, B. library, C. eating parlour, D. withdrawing room, E. back stairs, F. best stairs that lead to the chamber plan, G. which contains one dressing room and four bed rooms; in the attic story are three good sleeping rooms and a nursery. The domestic offices must be on the cellar plan. The dimensions are figured.

P L A T E

P L A T E L X V.

Plan and elevation for a small villa, whole extent 106 feet by 42 deep. The situation of this should be on a rising ground, and the back front near a gliding stream, covered with woods, would be a delightful back ground; the principal front commanding a lawn, and the apartments thus disposed: A. hall, B. library, C. eating parlour, D. drawing room, E. servants hall, F. kitchen, G. larder, H. pantry, I. saddle room, K. stable, L. coach house, M. privy, N. plan of the chamber floor, O. gallery, P. bed rooms, Q. dressing rooms; the sleeping rooms for the domestics are in the garrets and wings; the cellars must be under the centre part of the house.

P L A T E L X V I.

Contains a section of two sides of a room, very proper to decorate a hall, vestibule, or saloon.

P L A T E L X V I I.

Plan and elevation of a town mansion; the style is singular, and the plan is a very good one; it is calculated for the situation of Piccadilly, commanding Hyde Park, and consequently the Serpentine River, with many other beauties which adorn that noble

noble inclosure. The apartments may be thus laid out: A. hall, B. common parlour, C. eating parlour, D. saloon, E. drawing room, FF. lobbies, GG. back stairs, H. water closet, I. best stairs; the next story contains a library, two dressing rooms, and two bed chambers; the attic story contains a nursery and five bed rooms; the kitchen, and kitchen offices, are to be detached from the house: the other offices, for domestic use, are to be on the cellar plan.

P L A T E LXVIII. and LXIX.

Contain four designs for doors, &c.

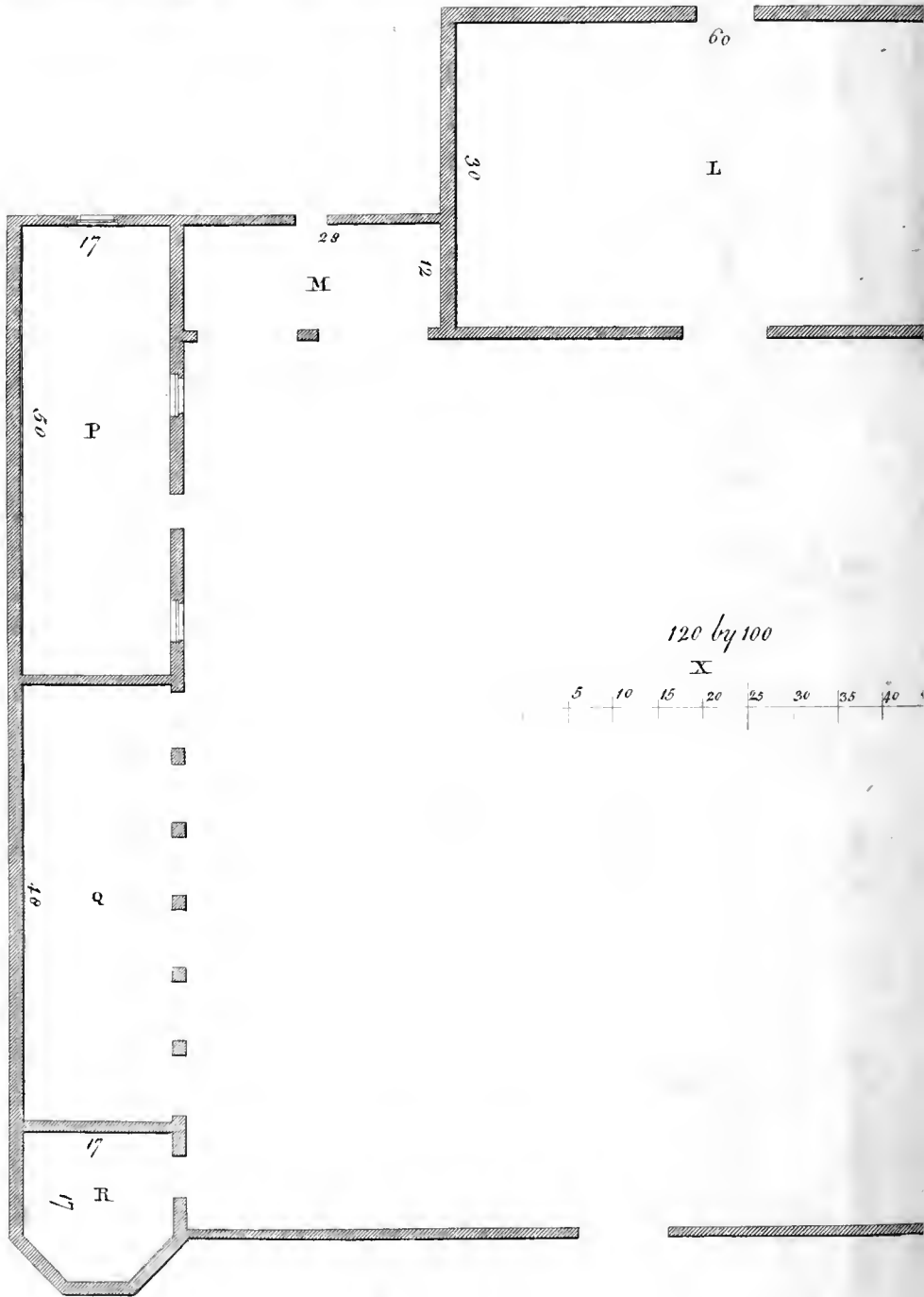
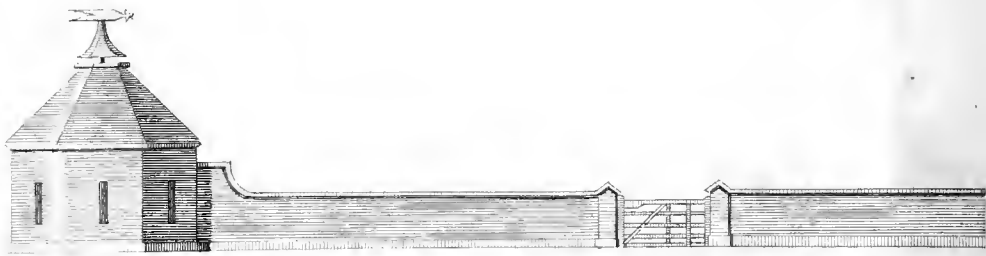
P L A T E LXX.

Plan and elevation of a small country house calculated for some open situation. You enter this building by a colonnade of the Ionic order; figure A. the colonnade, B. the breakfasting parlour, C. library, D. the eating parlour, E. servants hall, F. kitchen, G. back stairs, H. best stairs, I. withdrawing room, KK. bed rooms, L. dressng room, M. china closet, NN. servants bed rooms. The dimensions are figured on the plan.

F I N I S.



Plate 1.

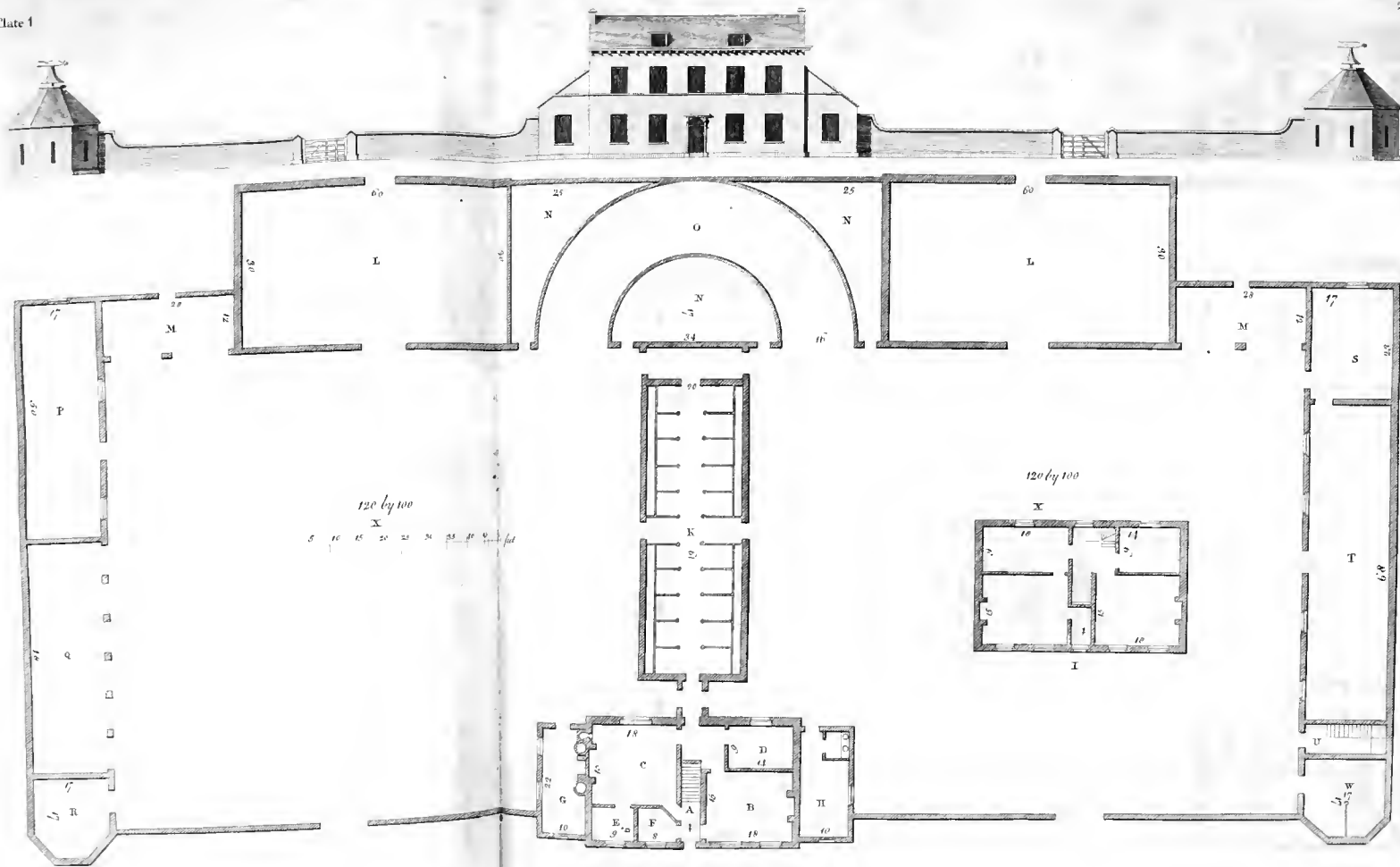


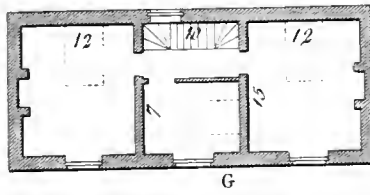
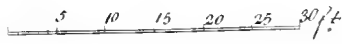
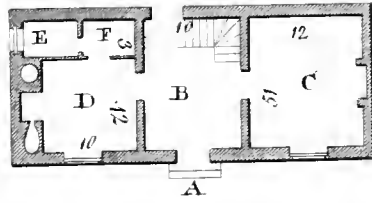


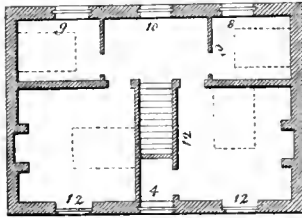
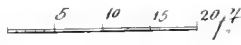
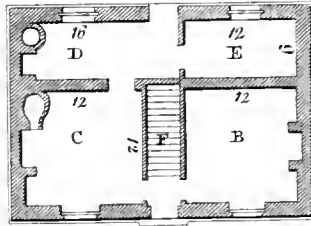
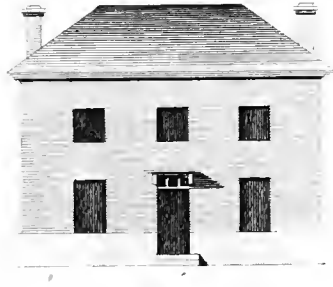
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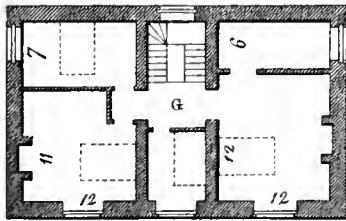
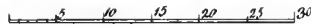
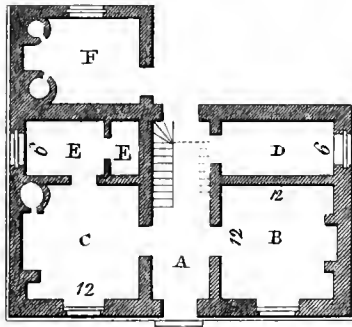
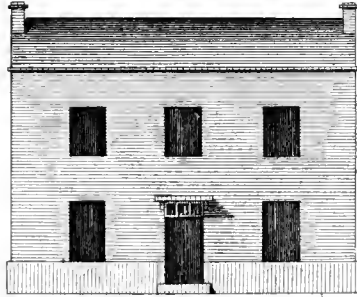




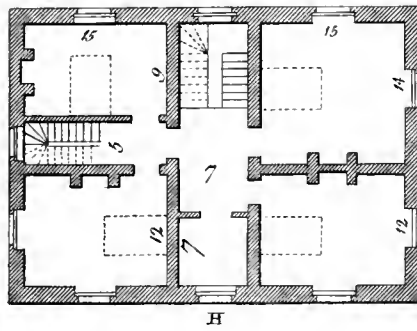
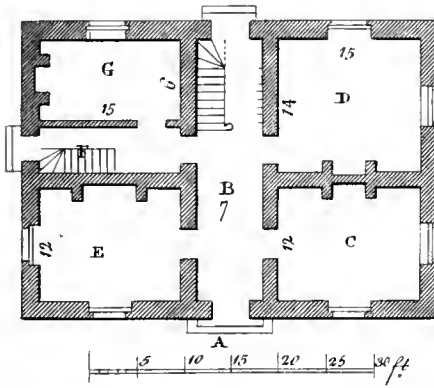
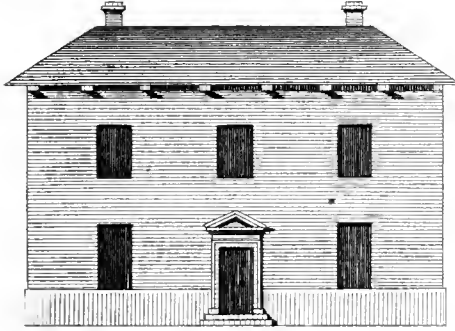


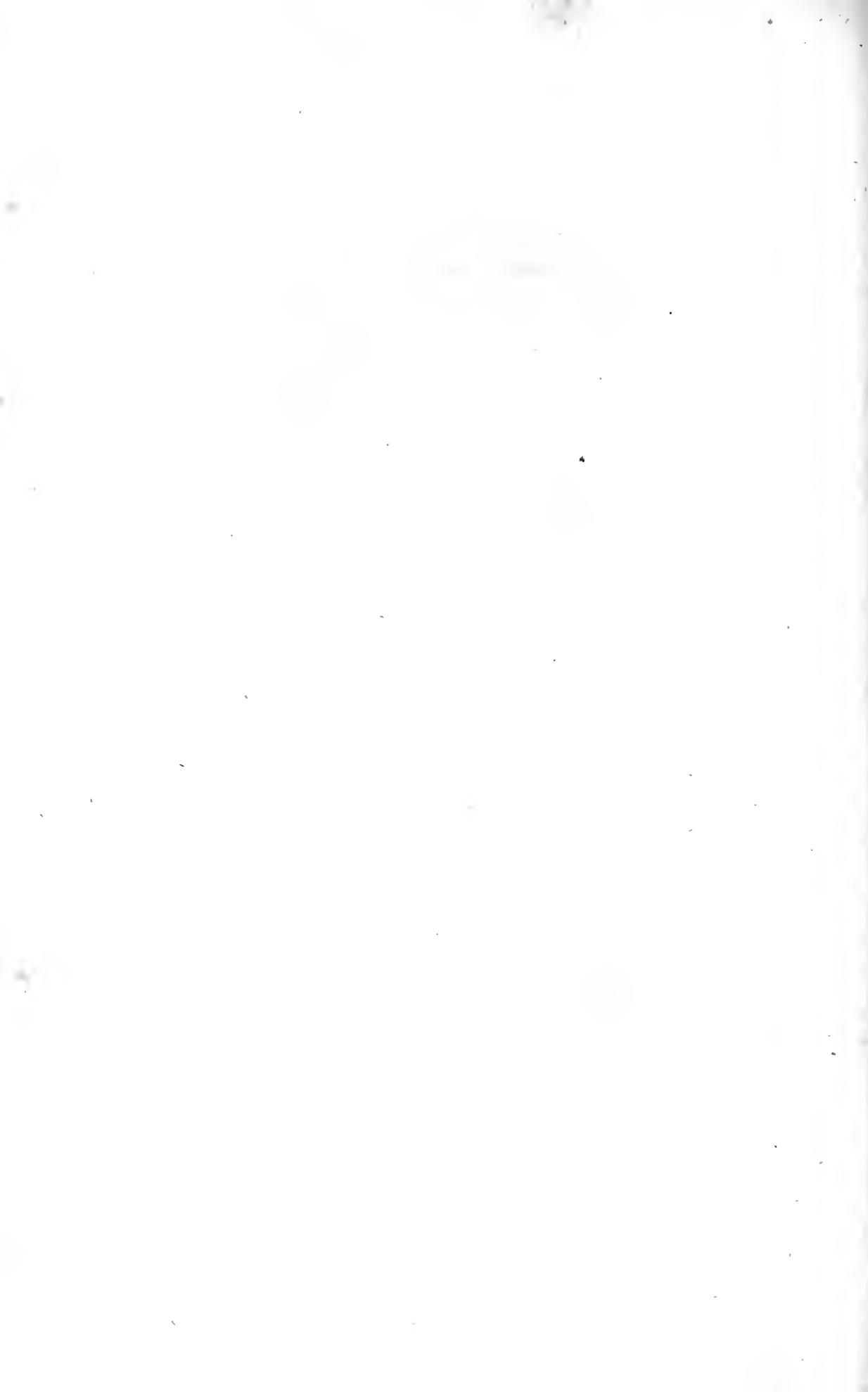
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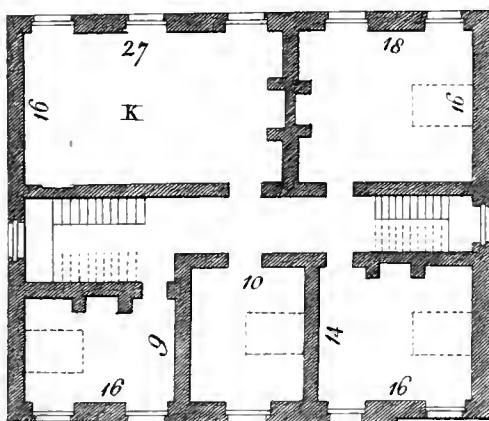
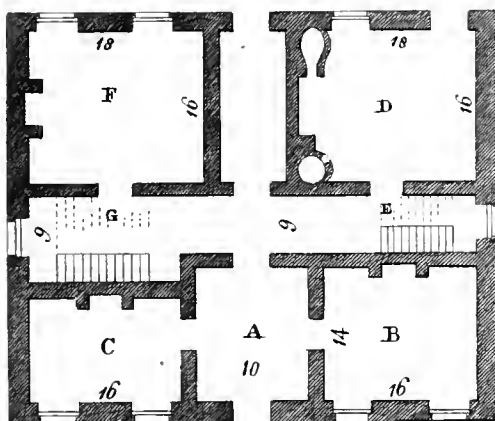
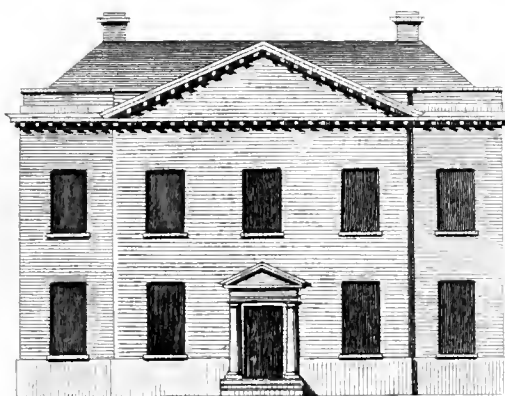


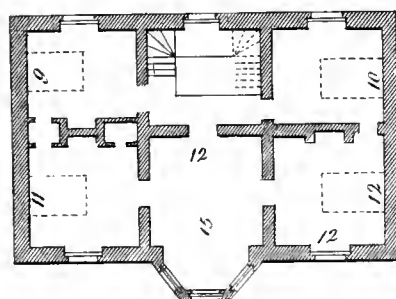
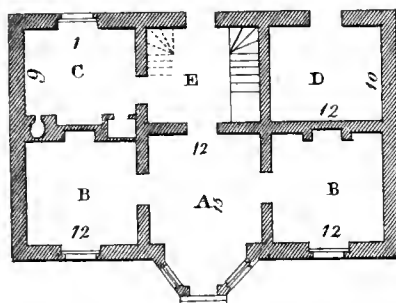
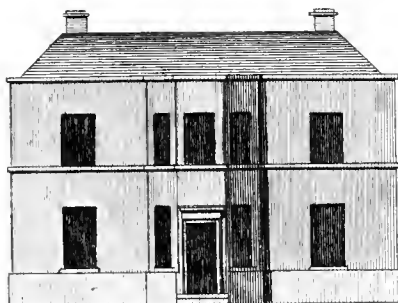


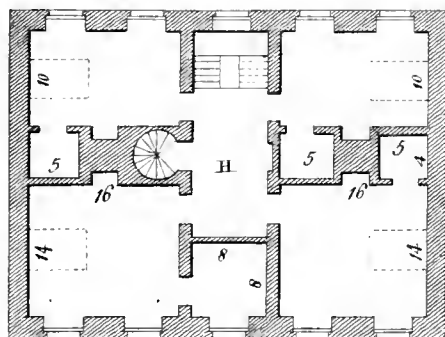
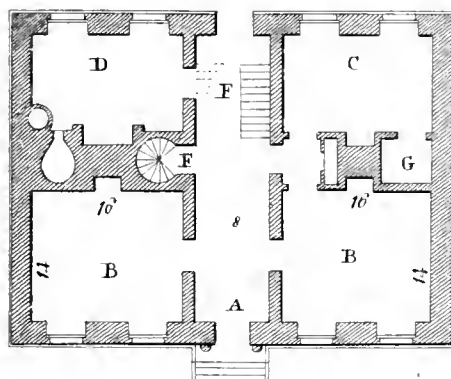
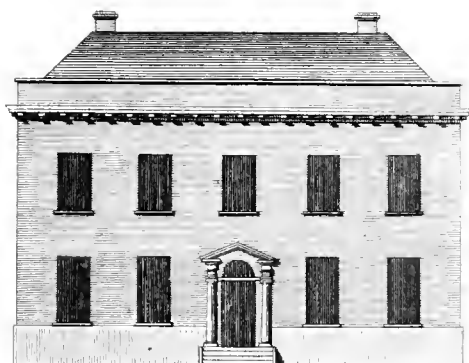


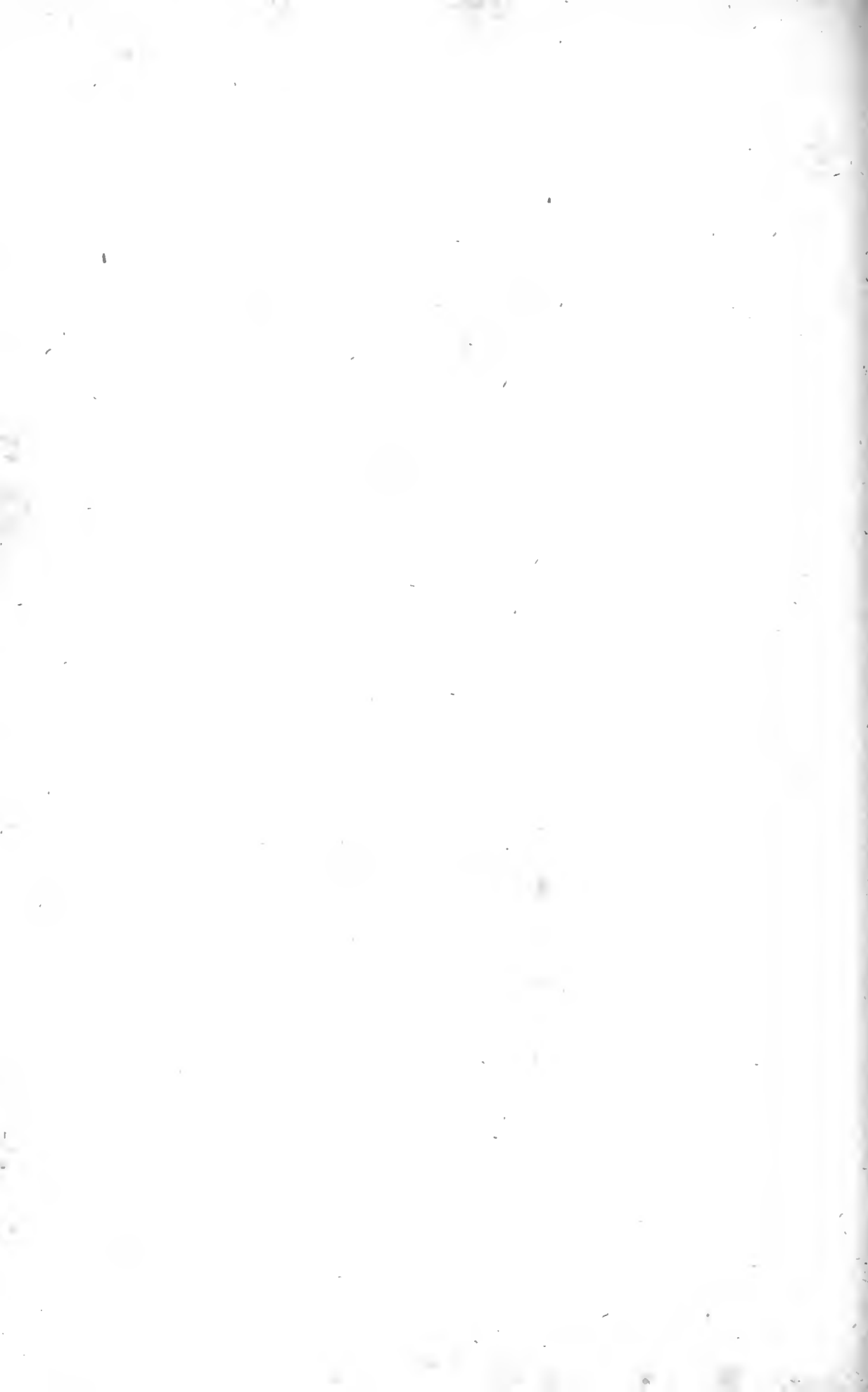


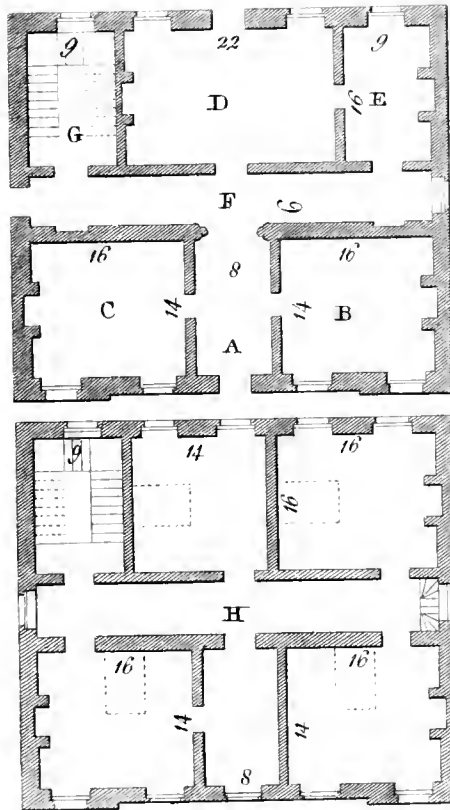
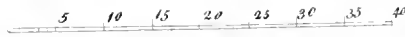
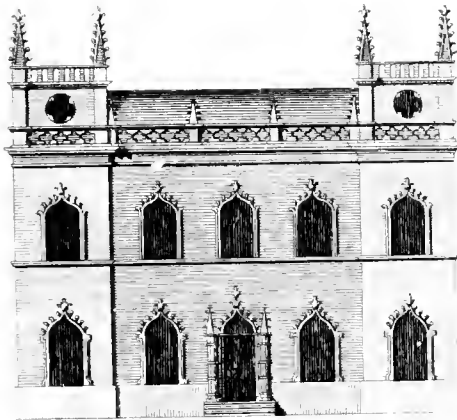




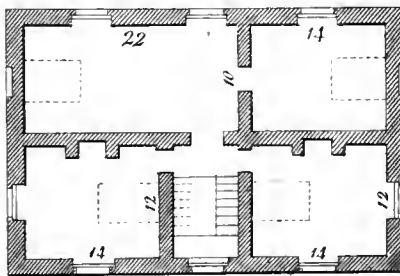
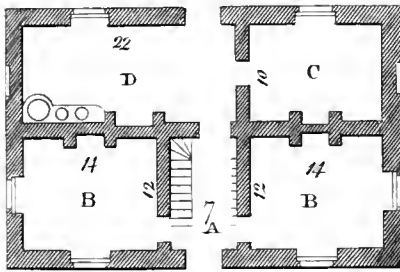
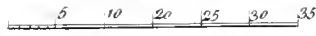
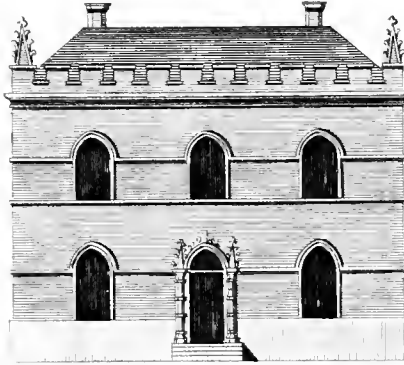






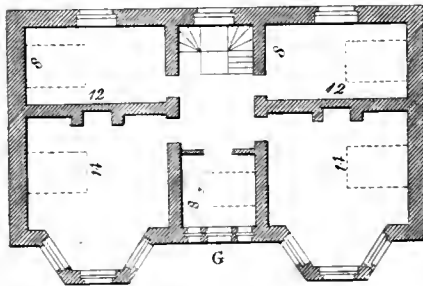
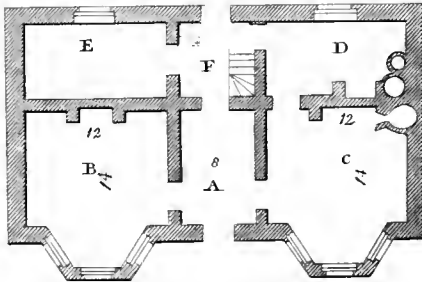
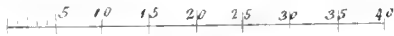
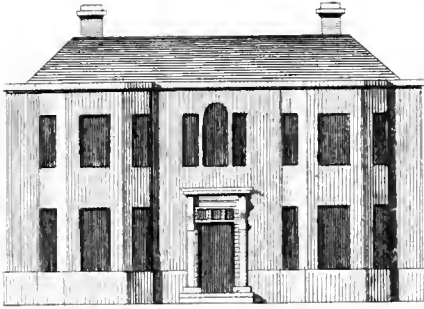




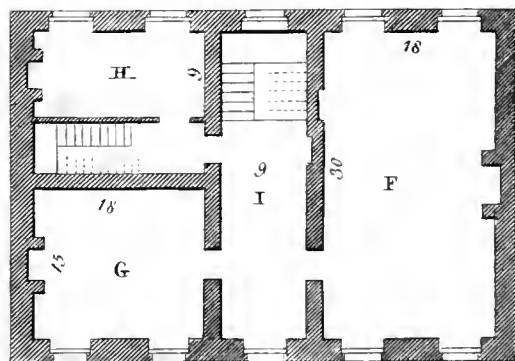
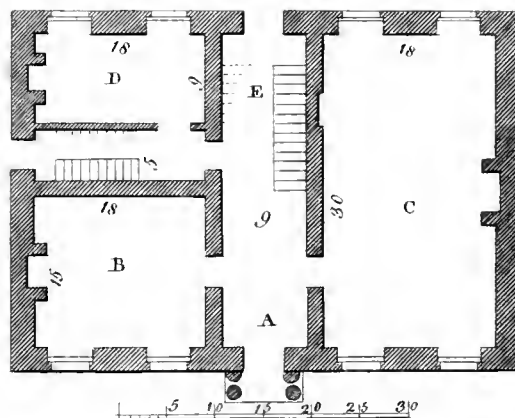
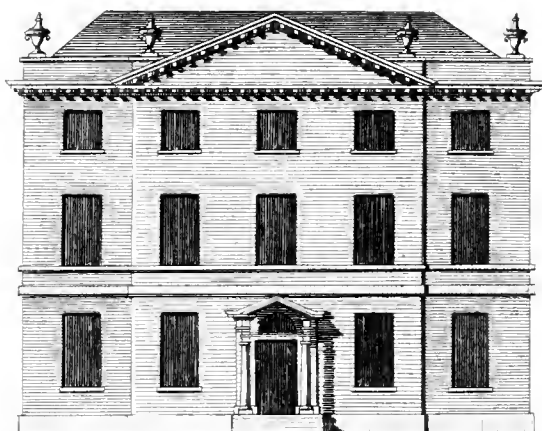


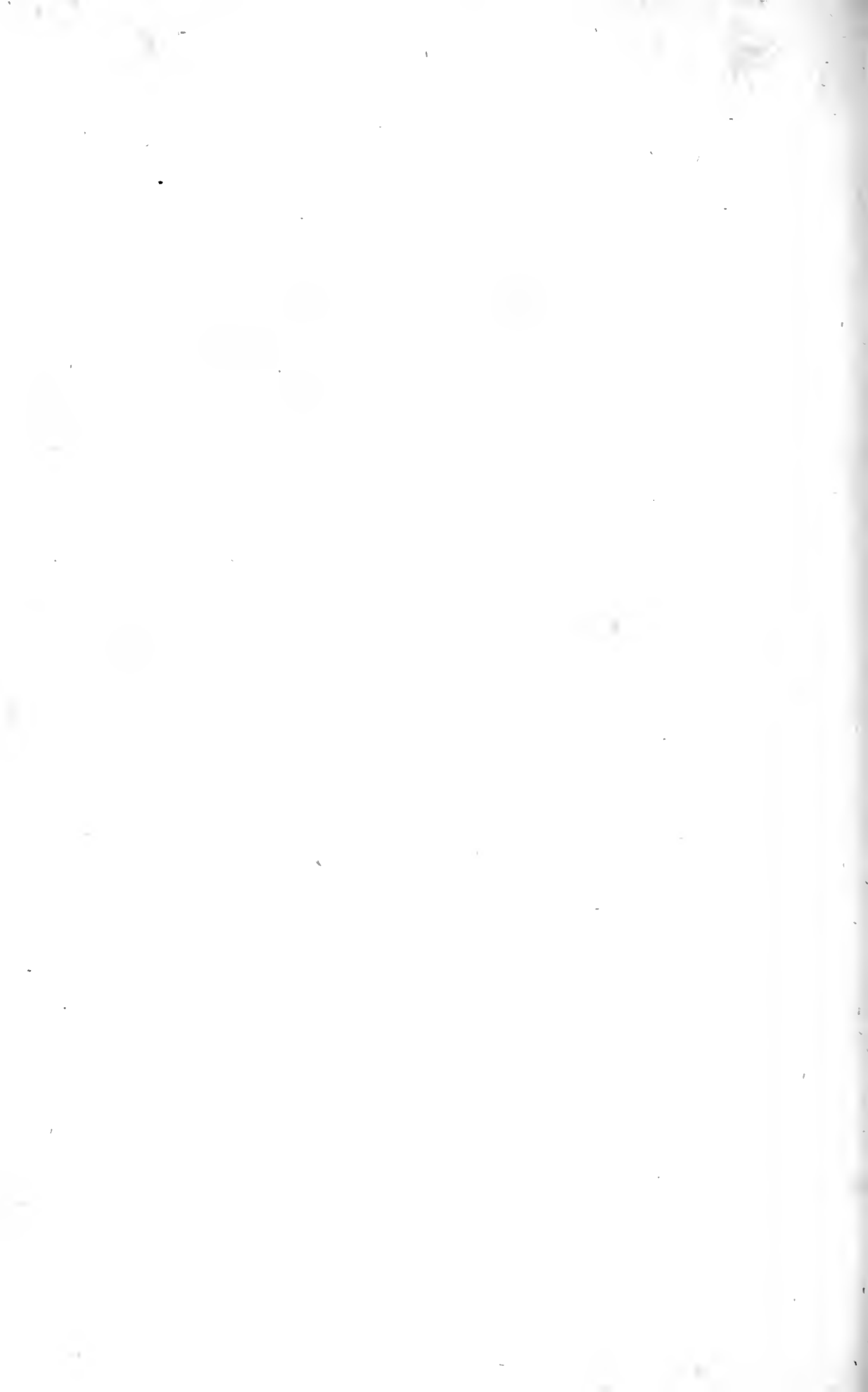
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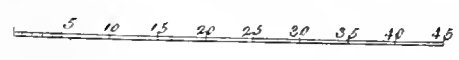
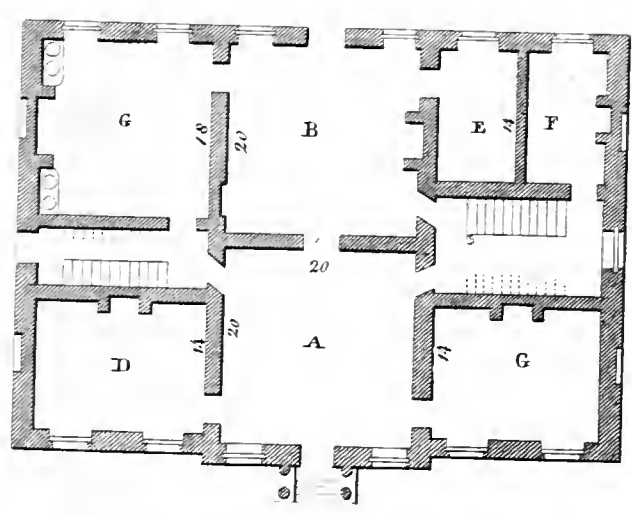
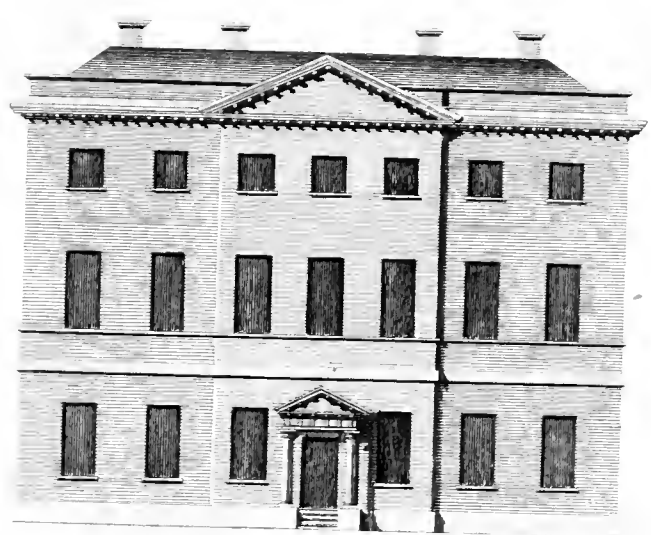


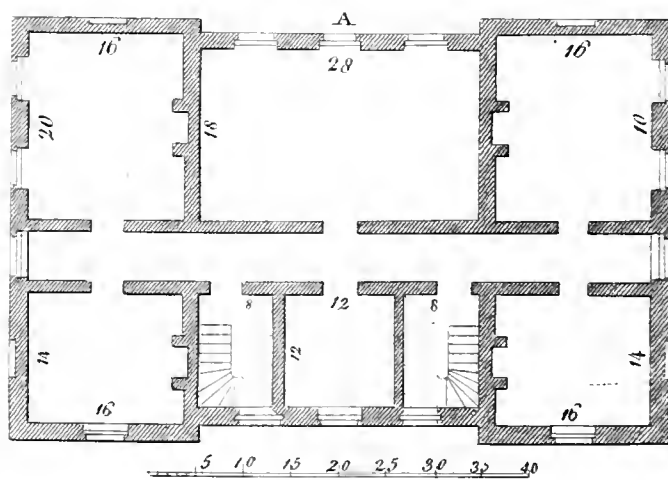
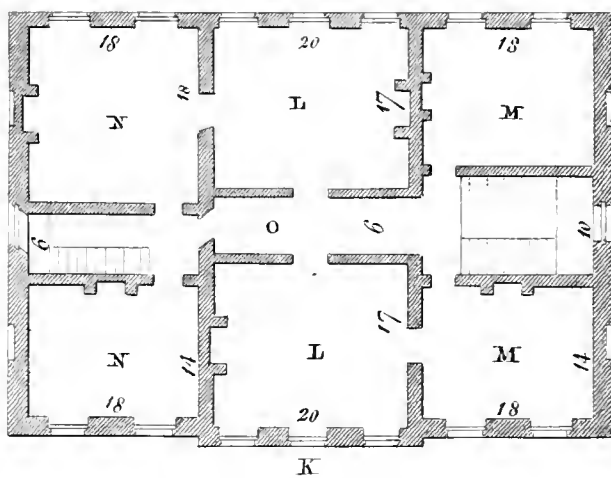




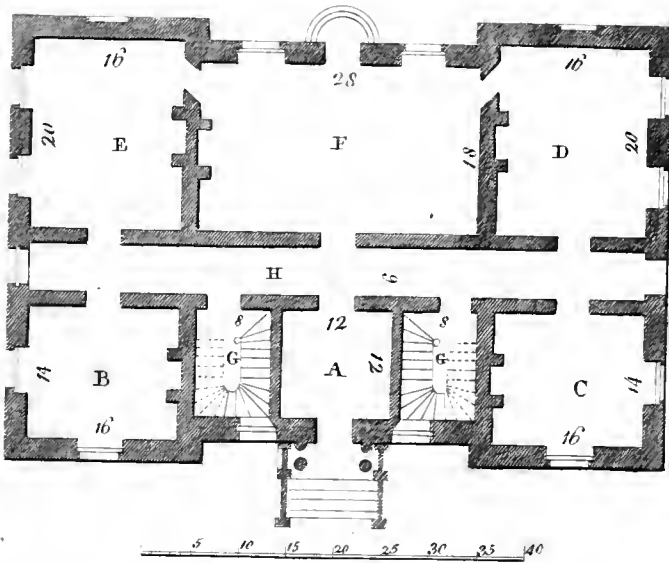
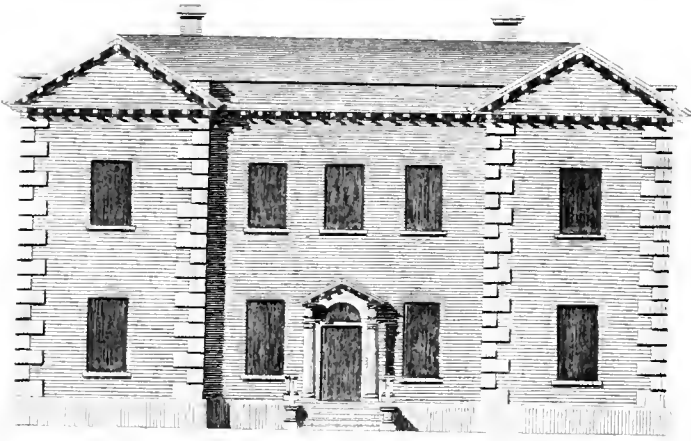


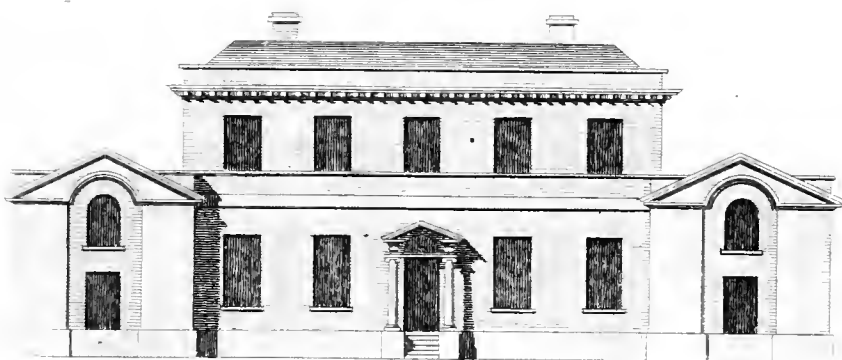




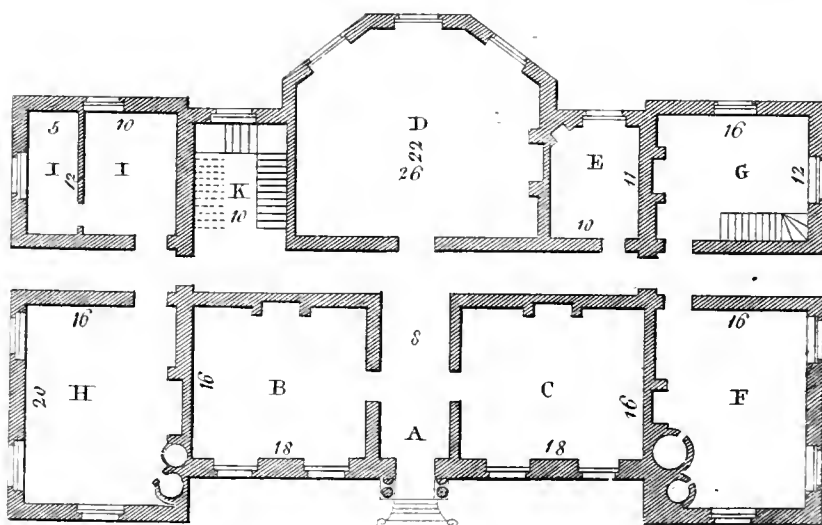


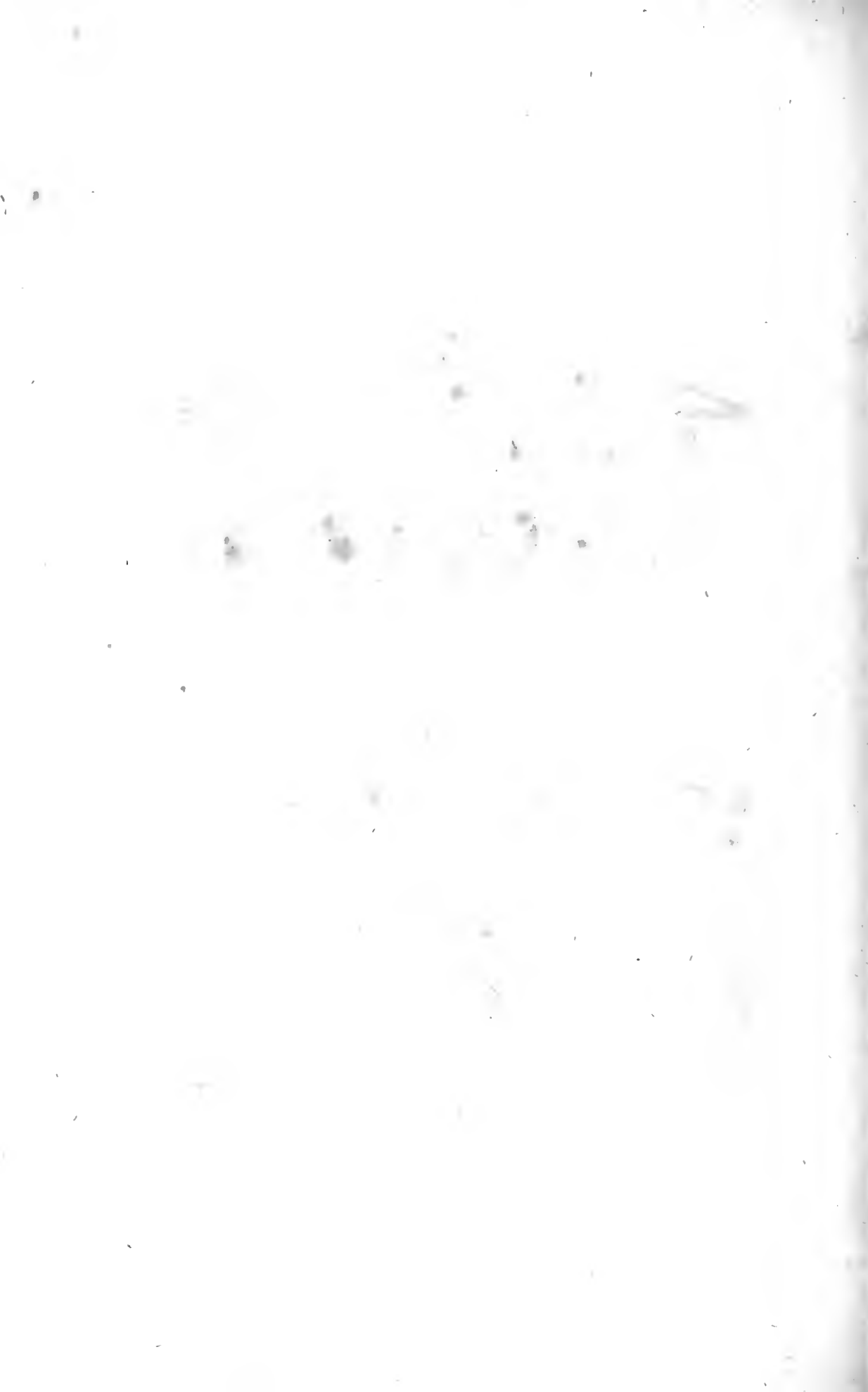


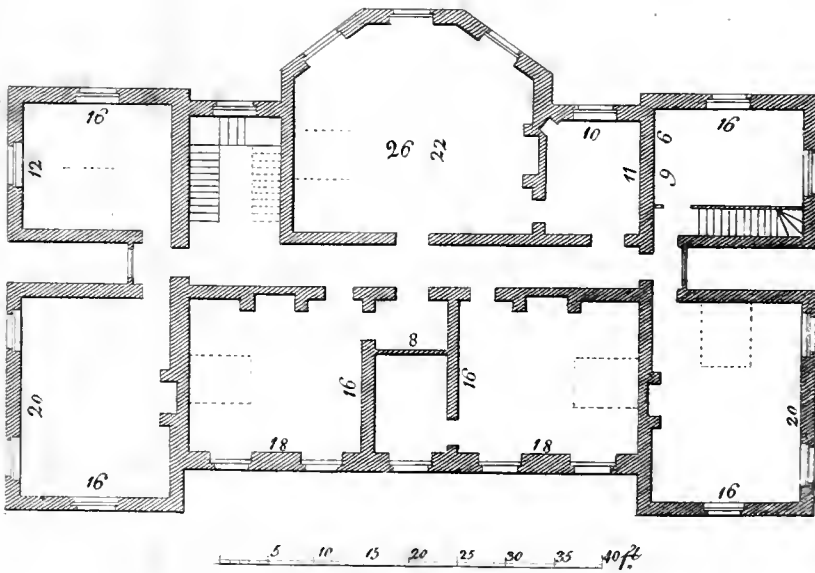
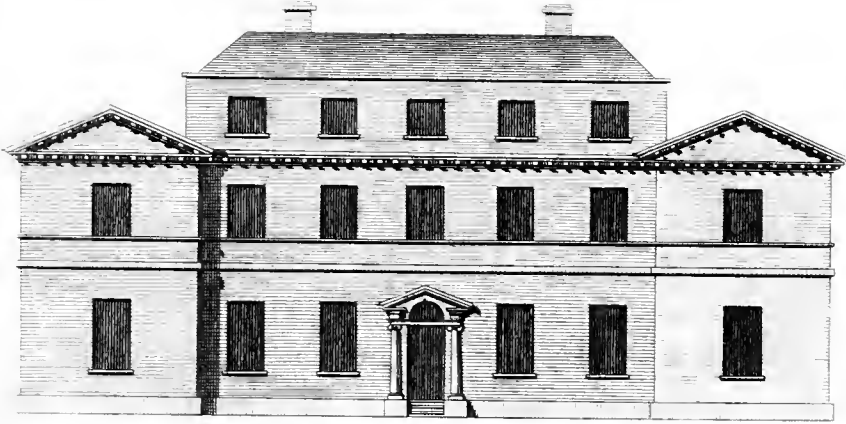


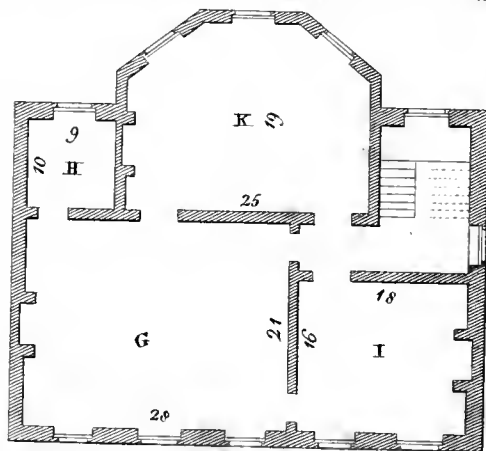
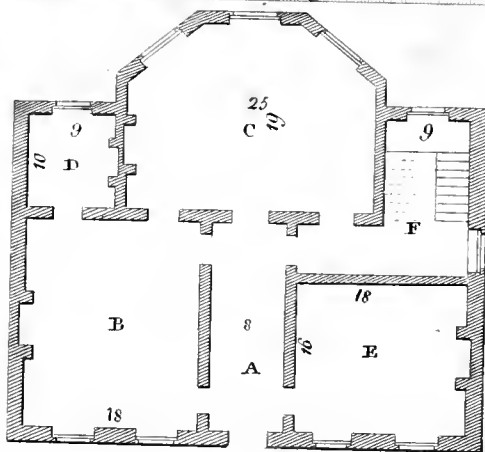
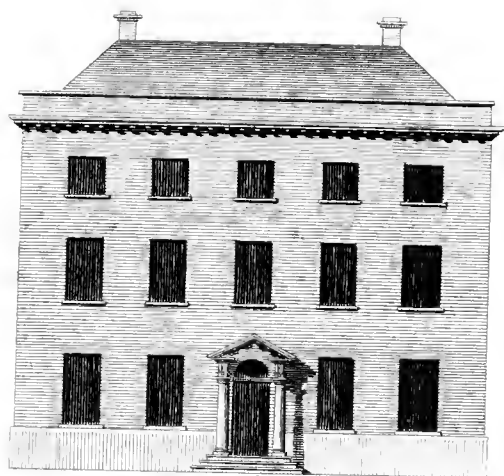


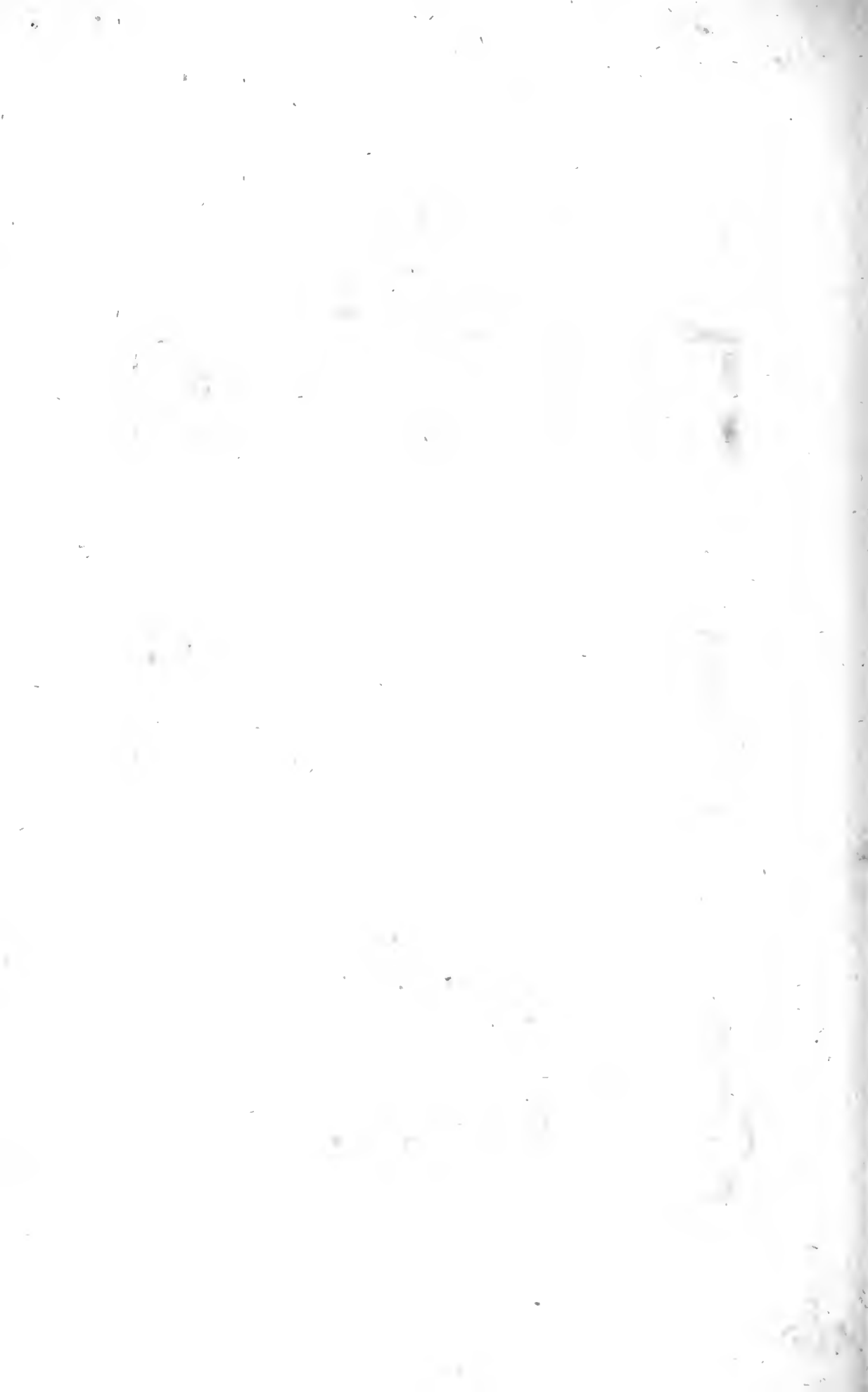
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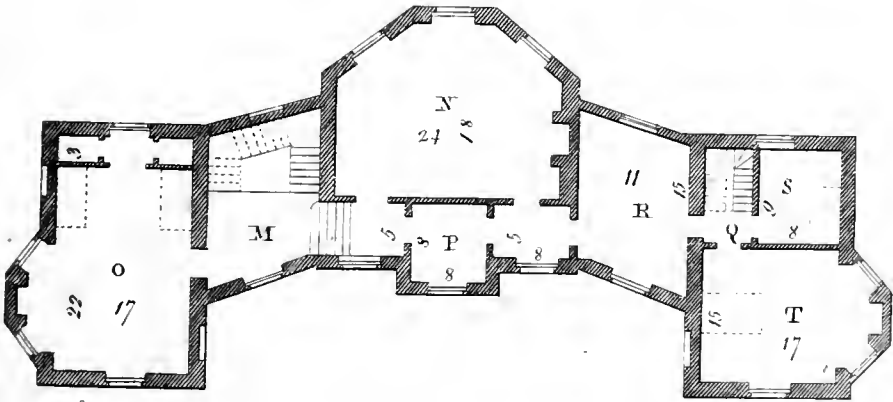
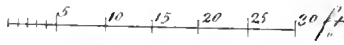
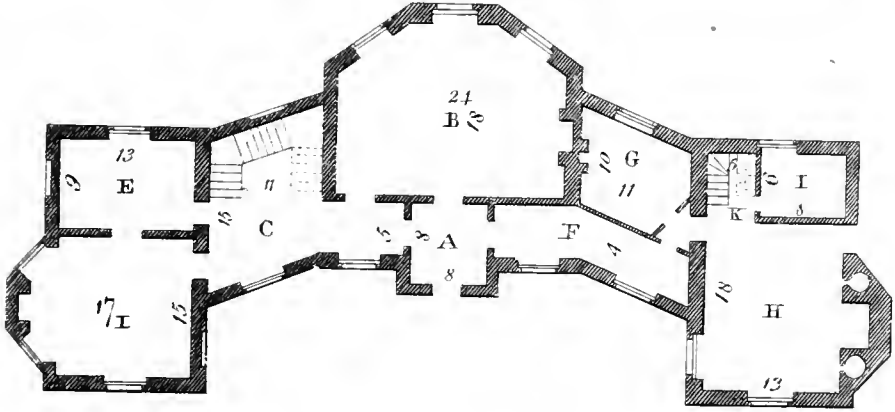
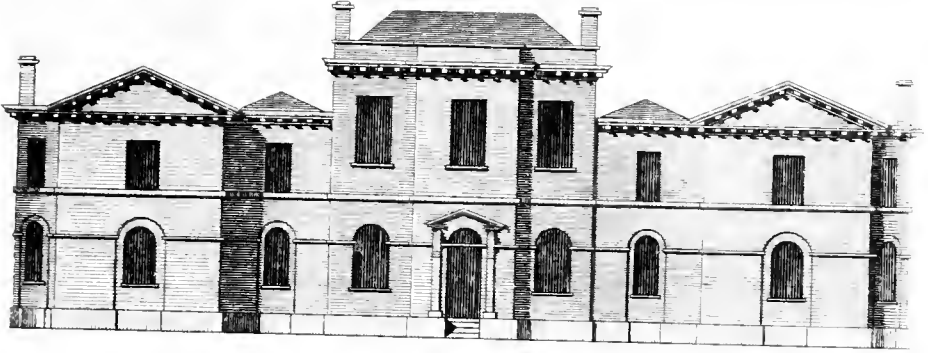


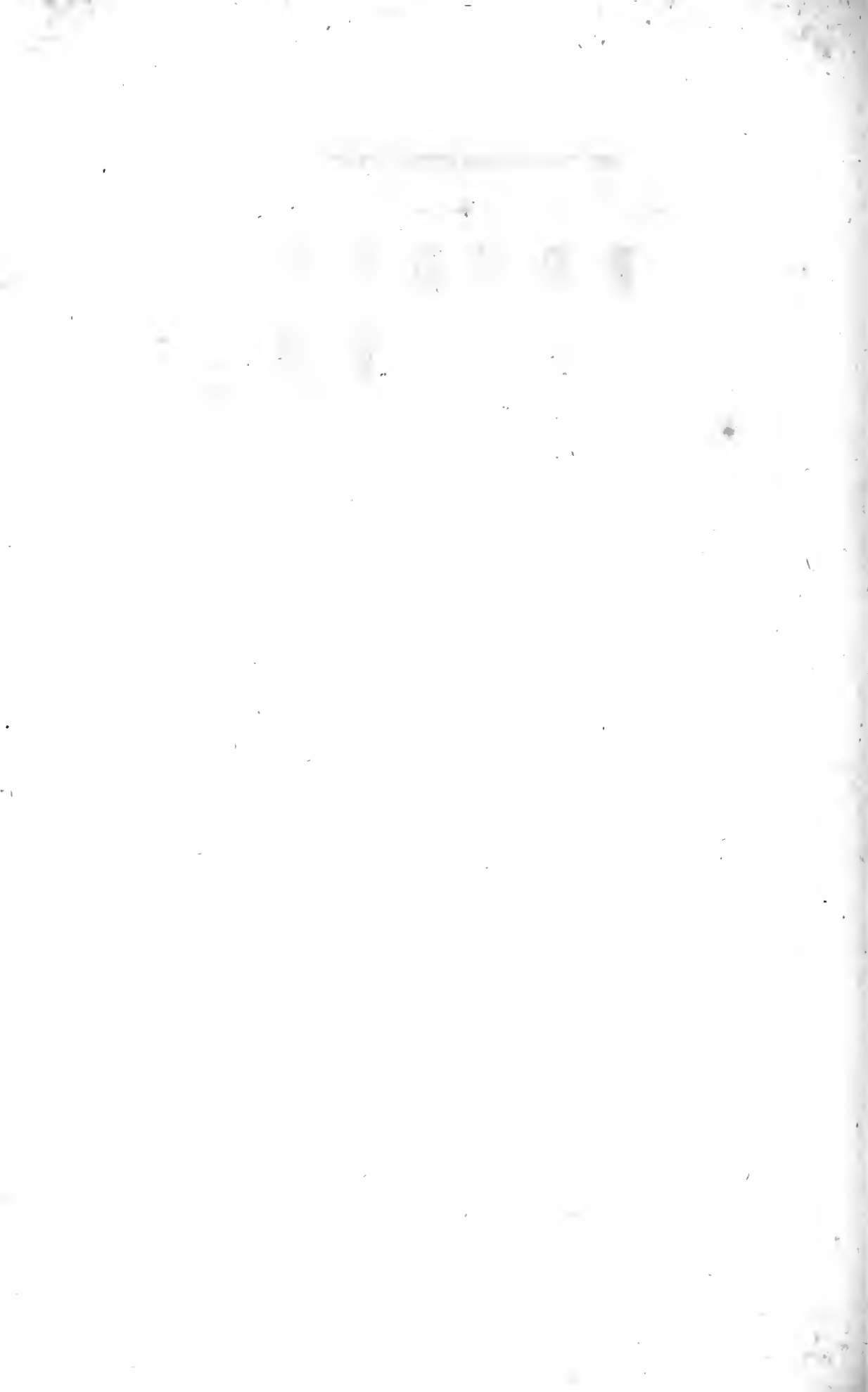


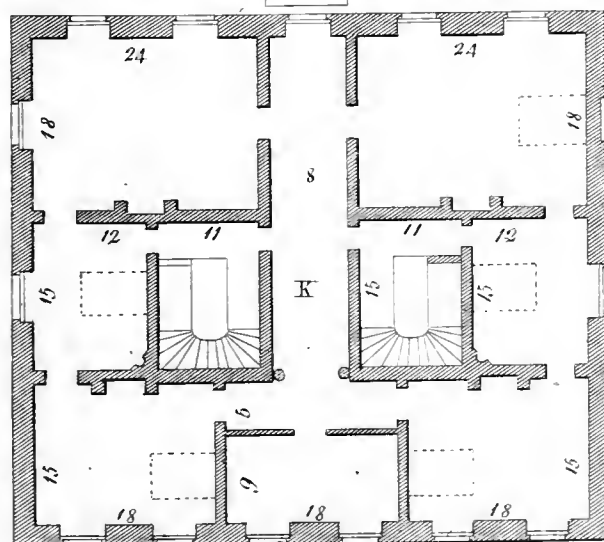
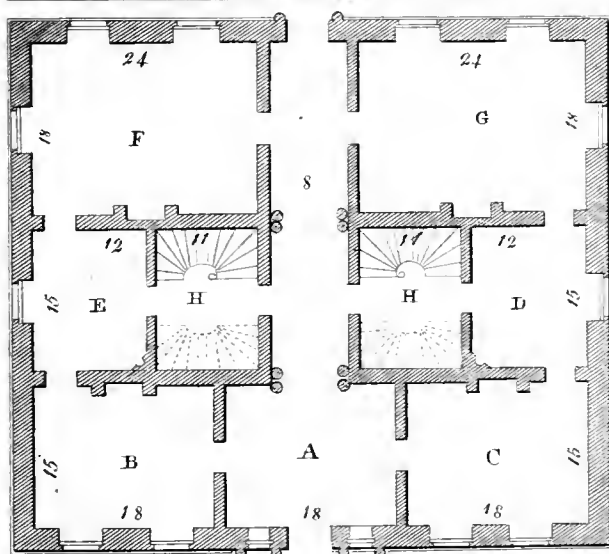




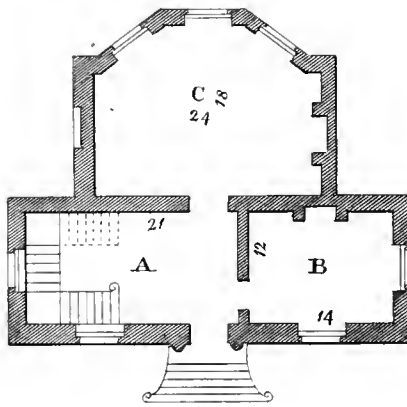
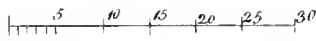
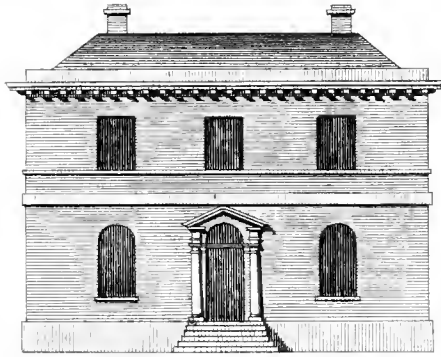


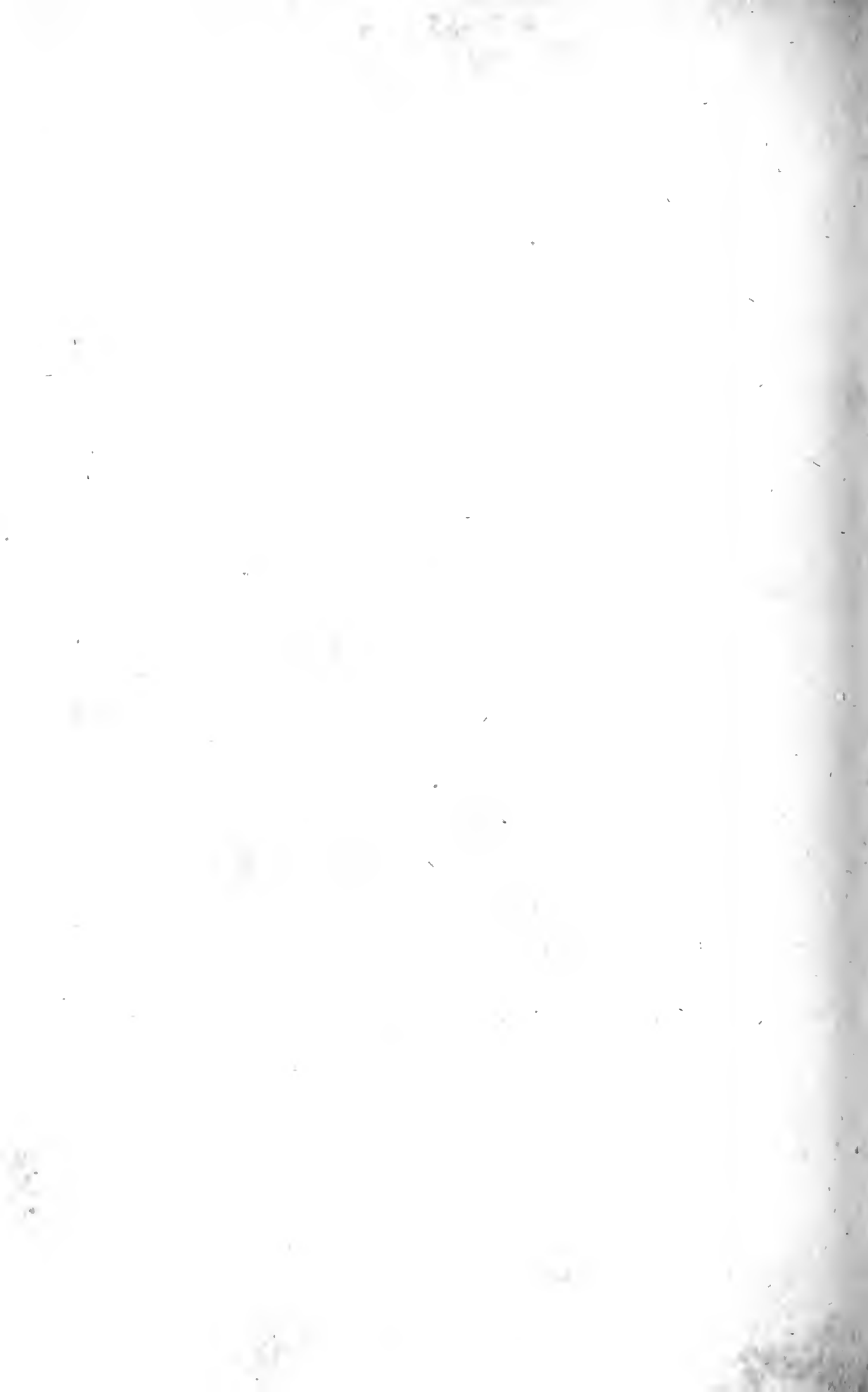


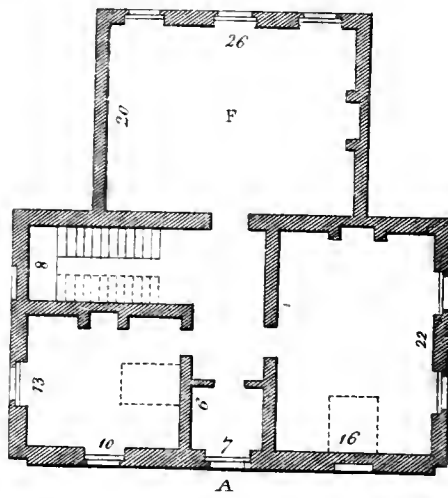
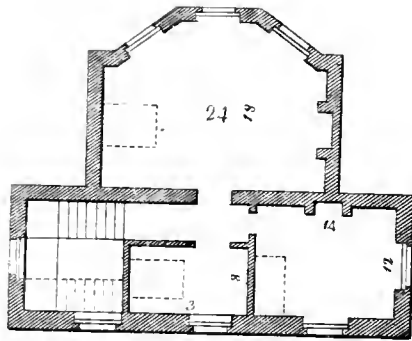




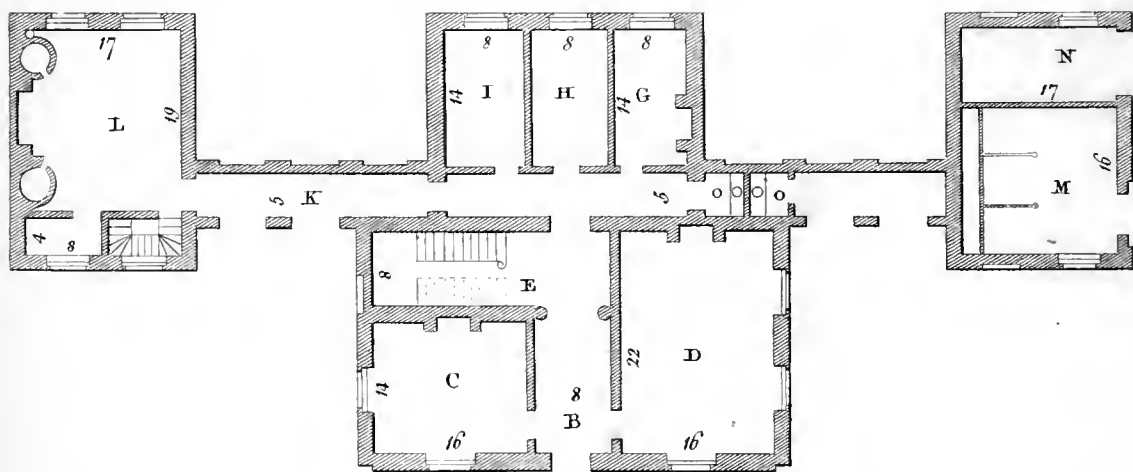
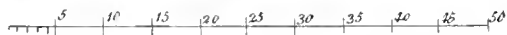
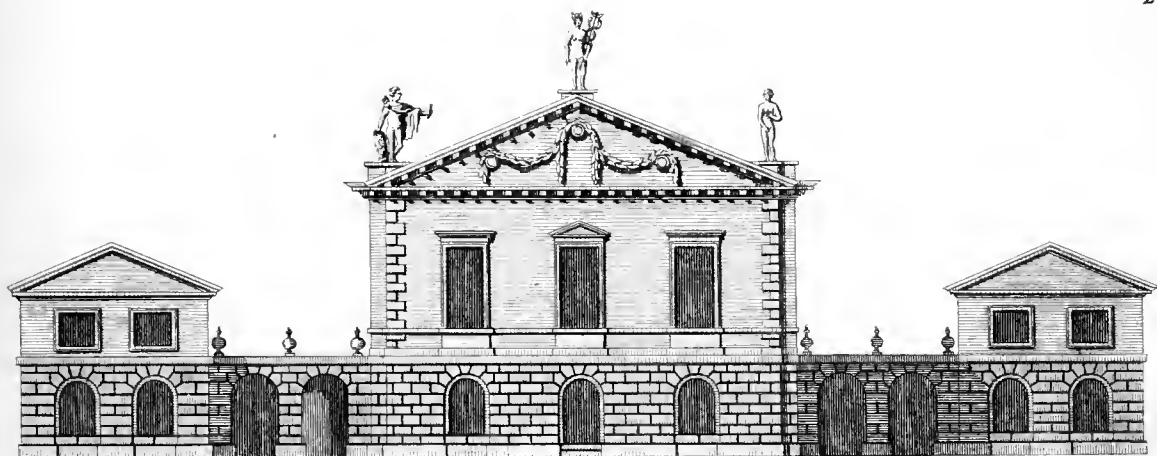


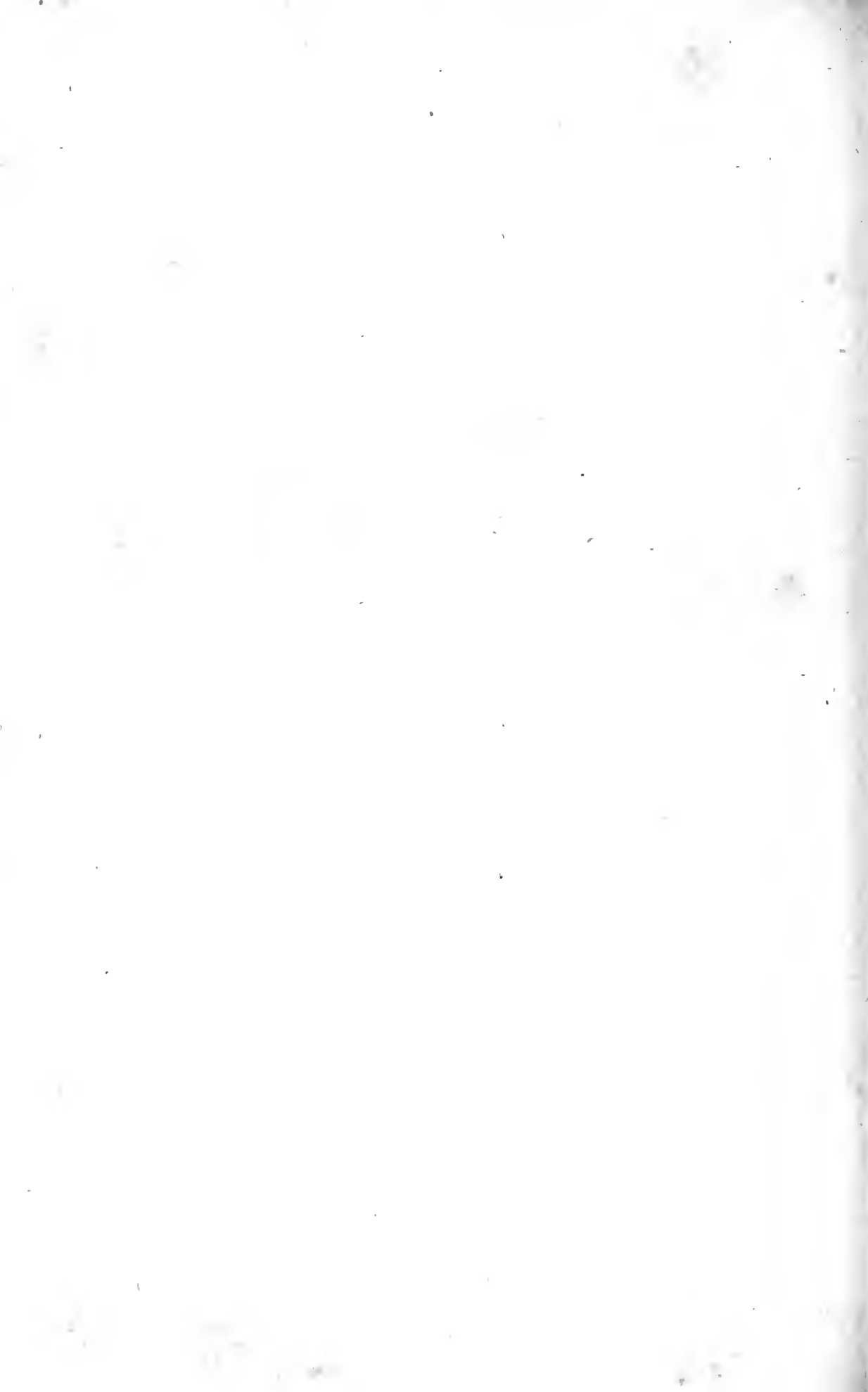


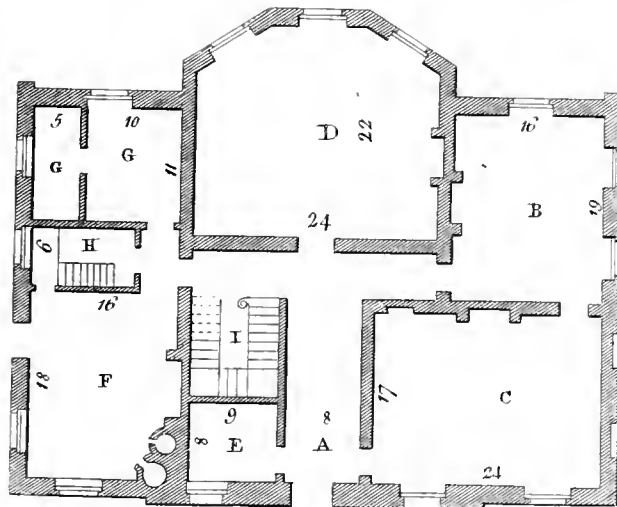
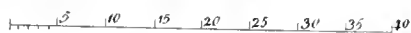
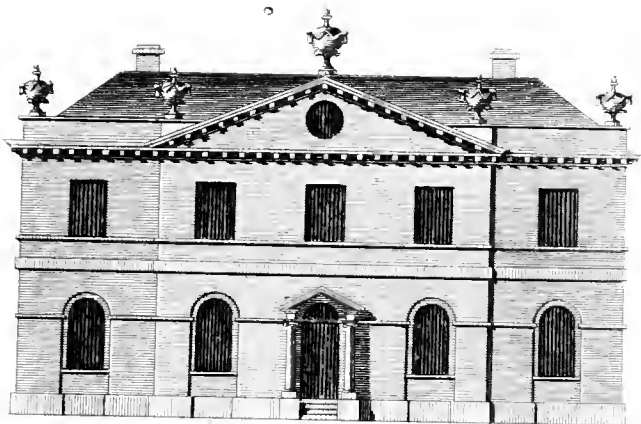


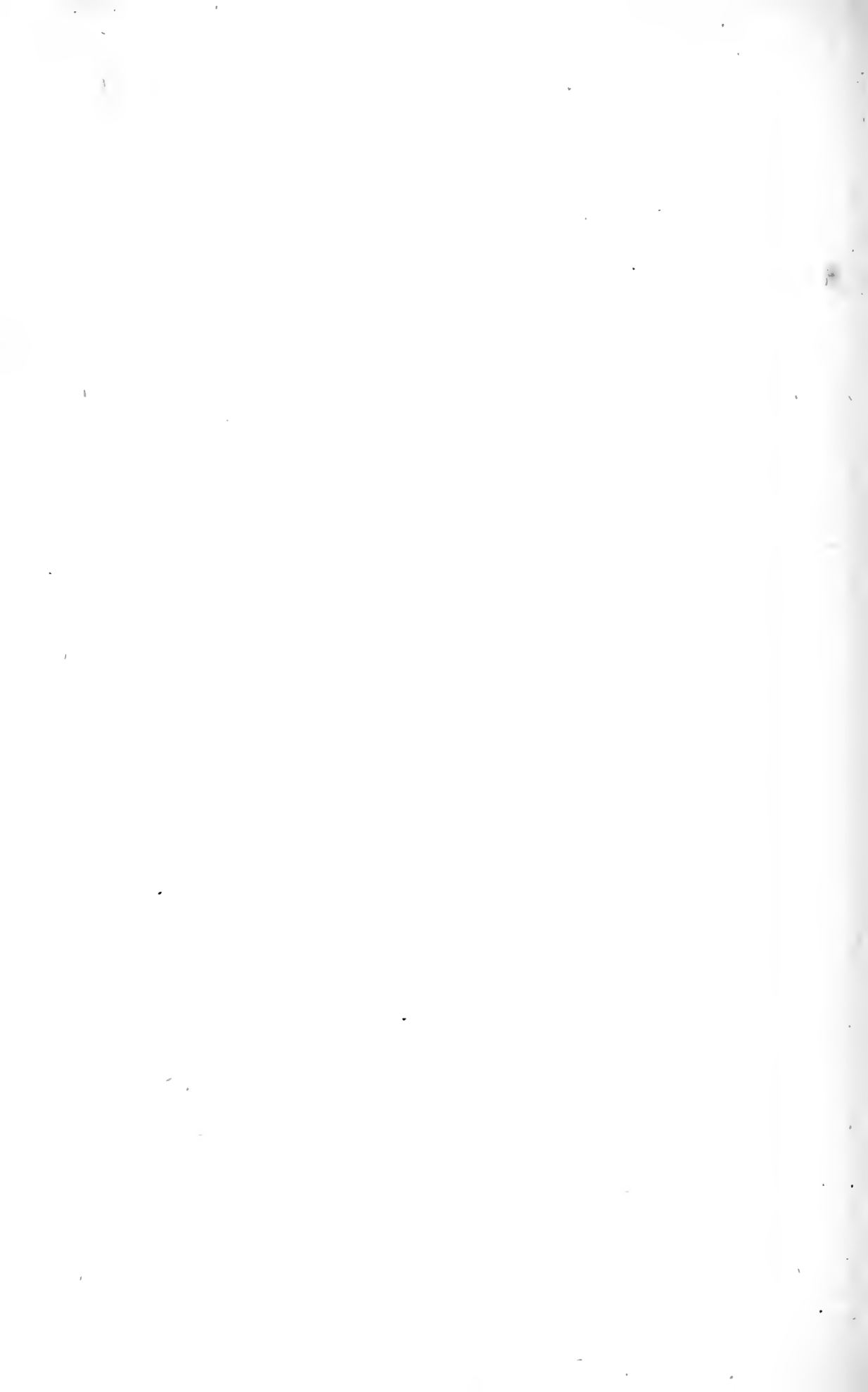


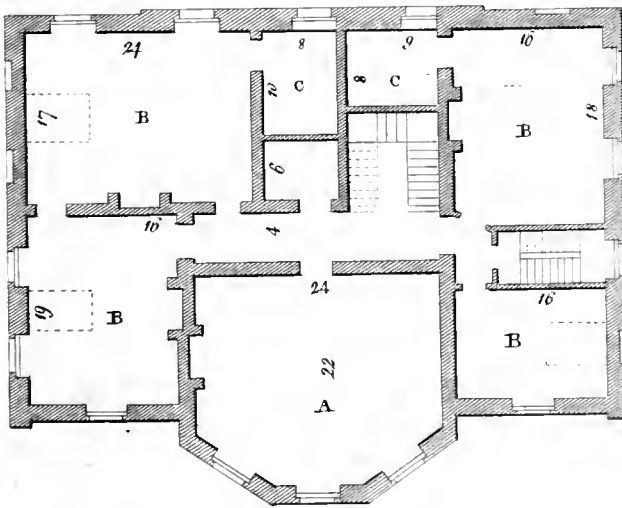
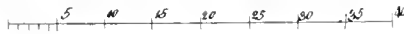
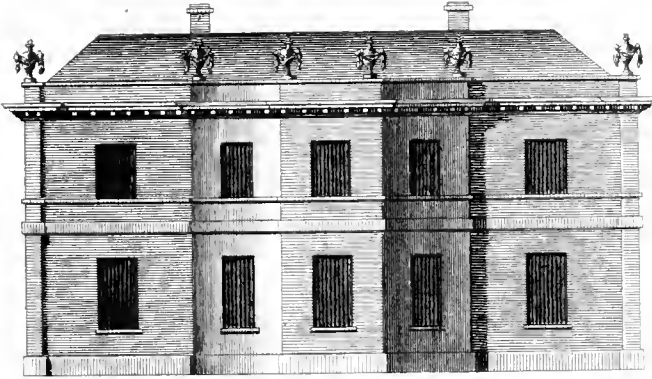


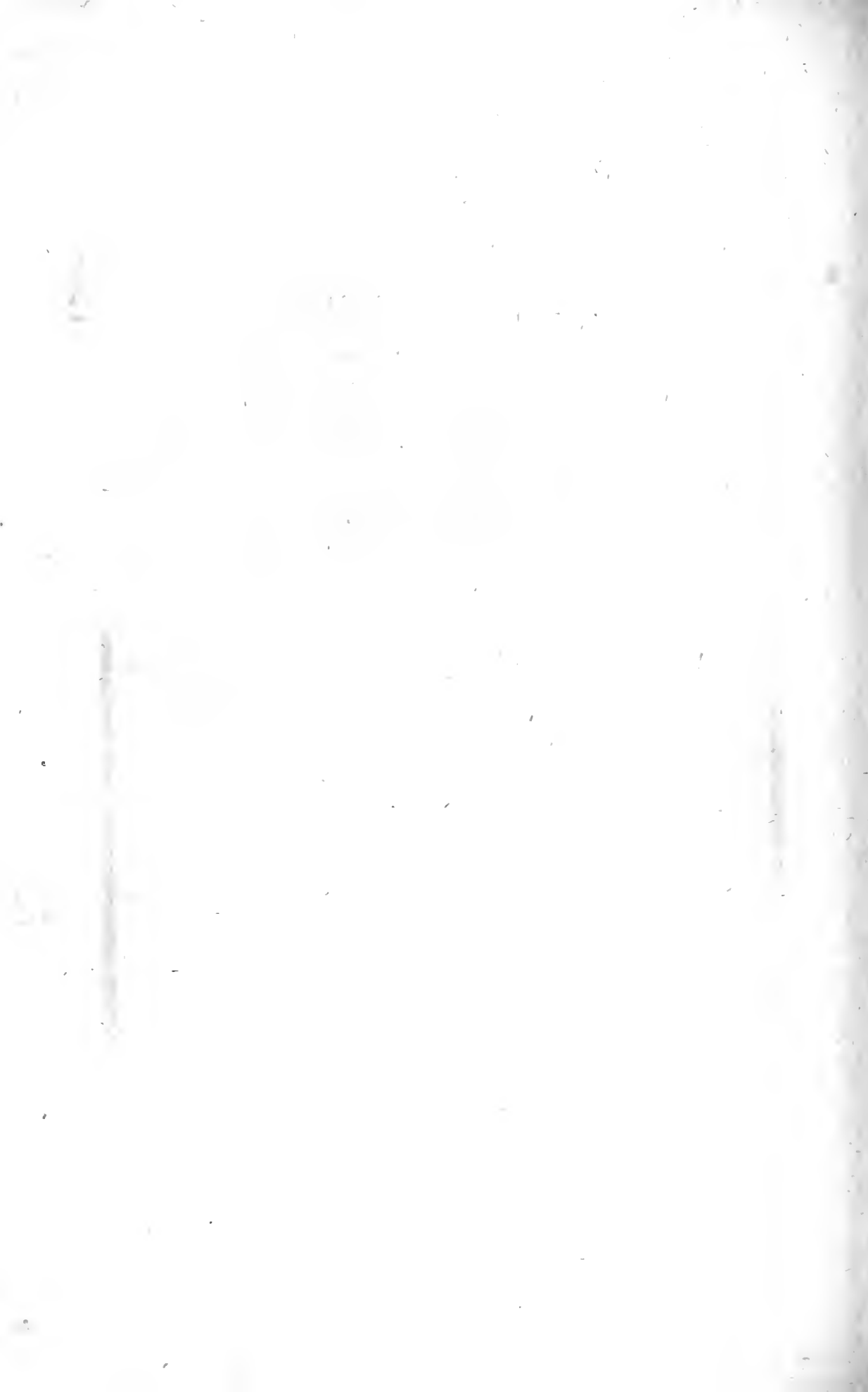


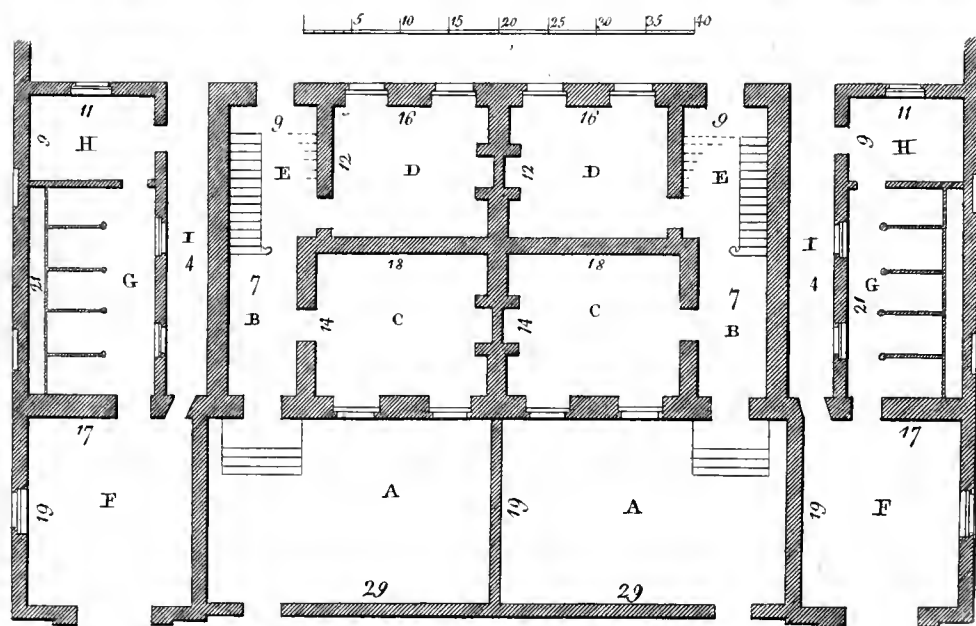
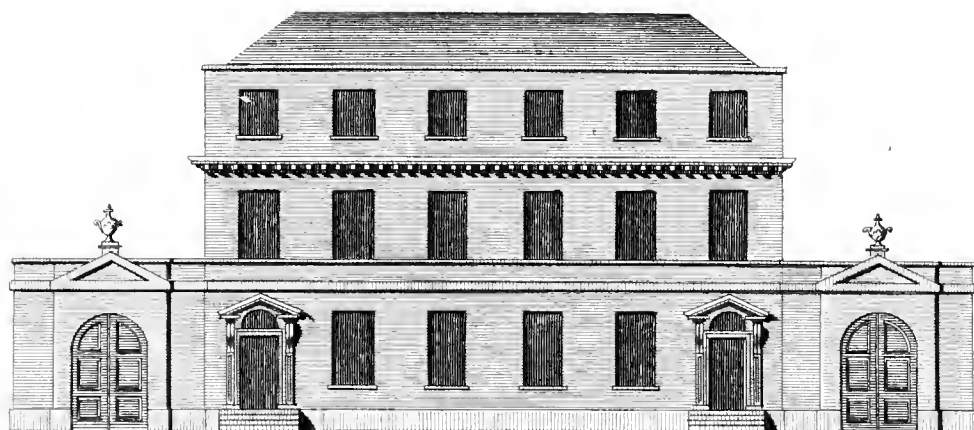


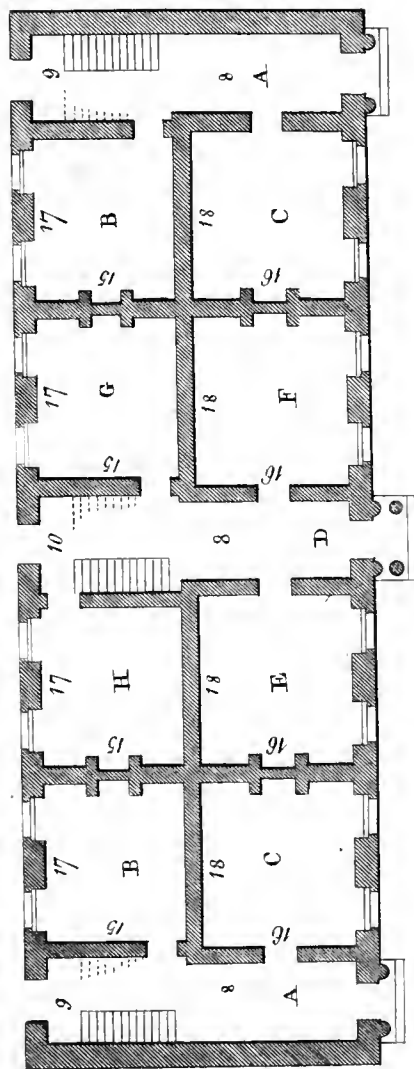
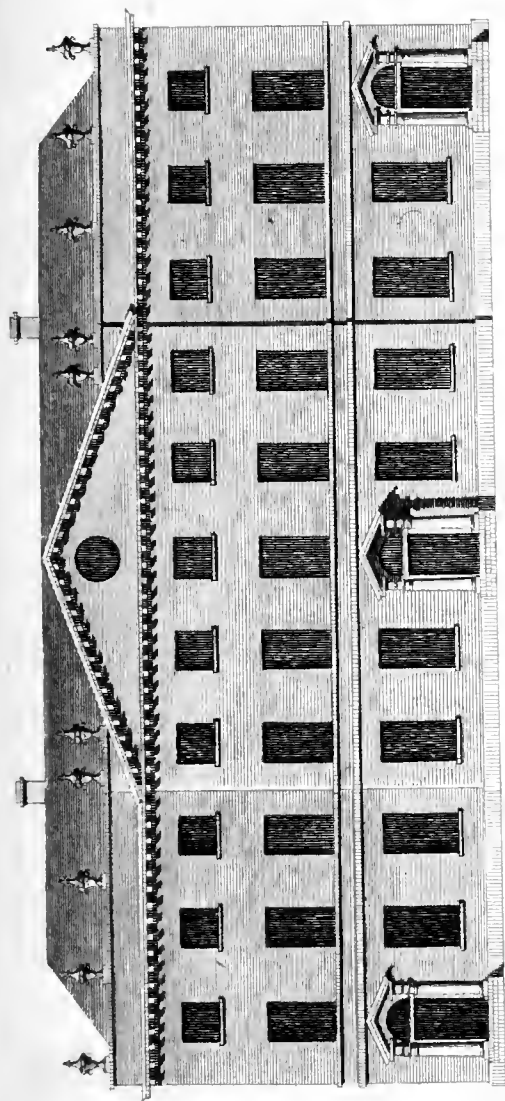


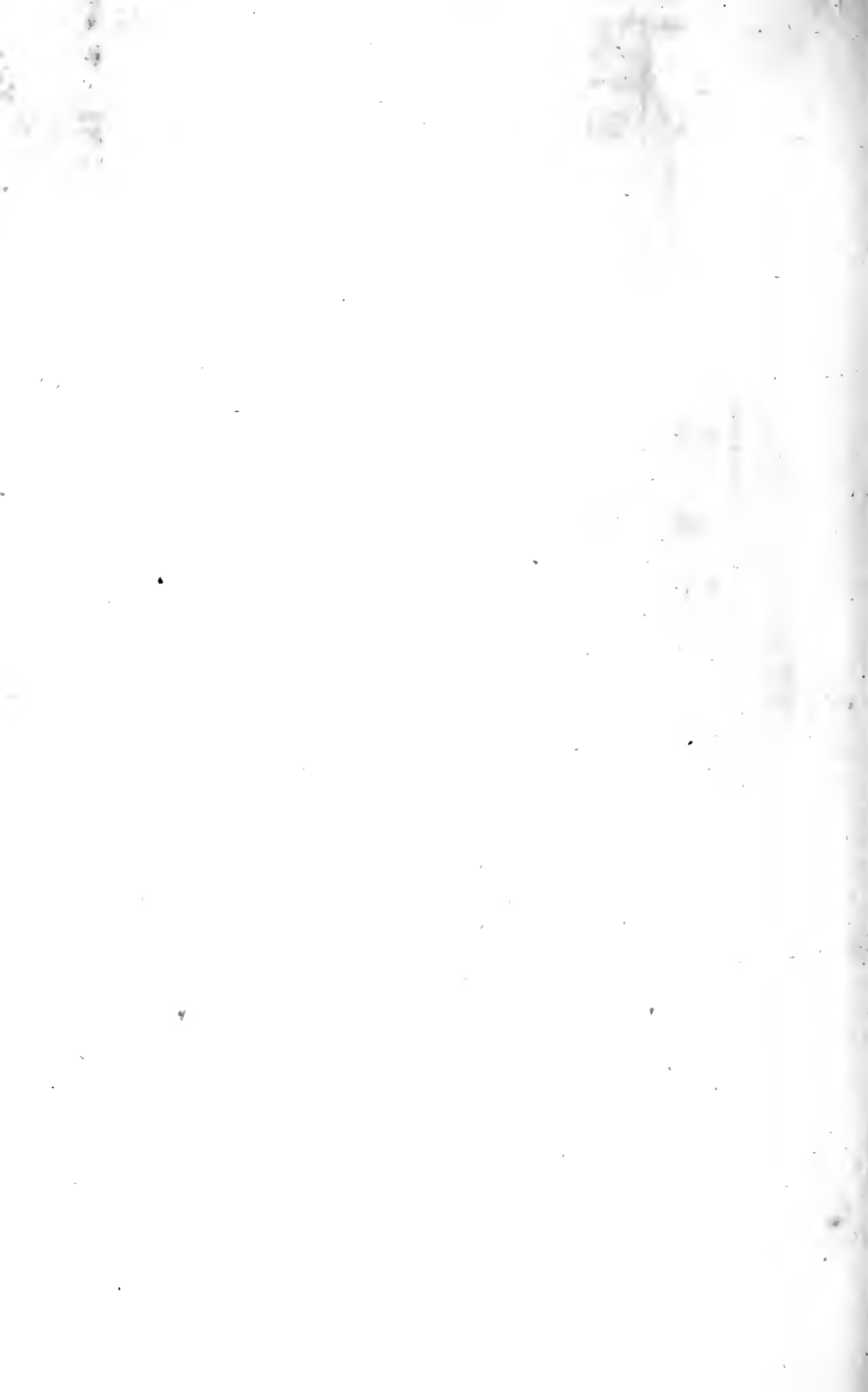


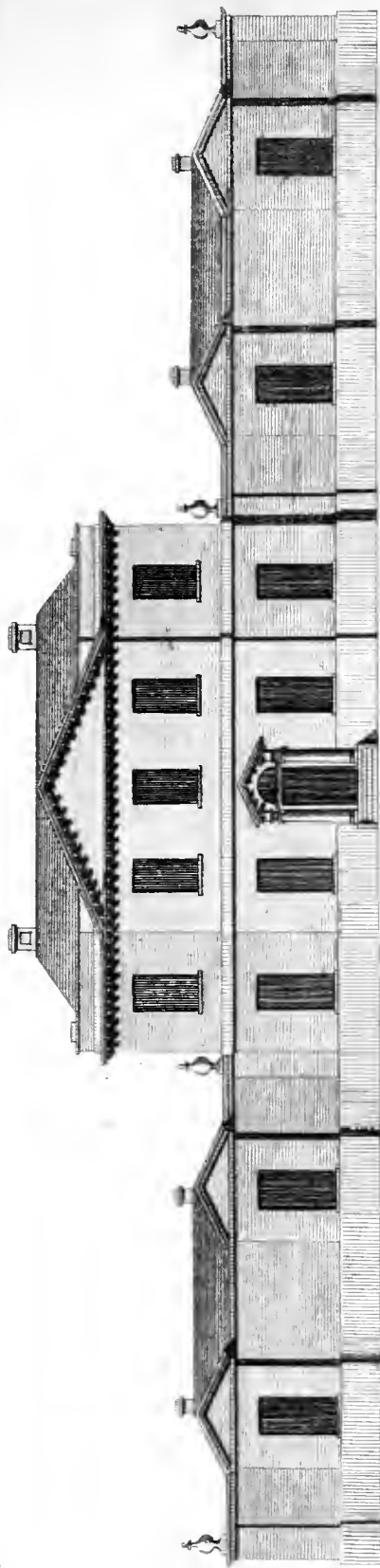




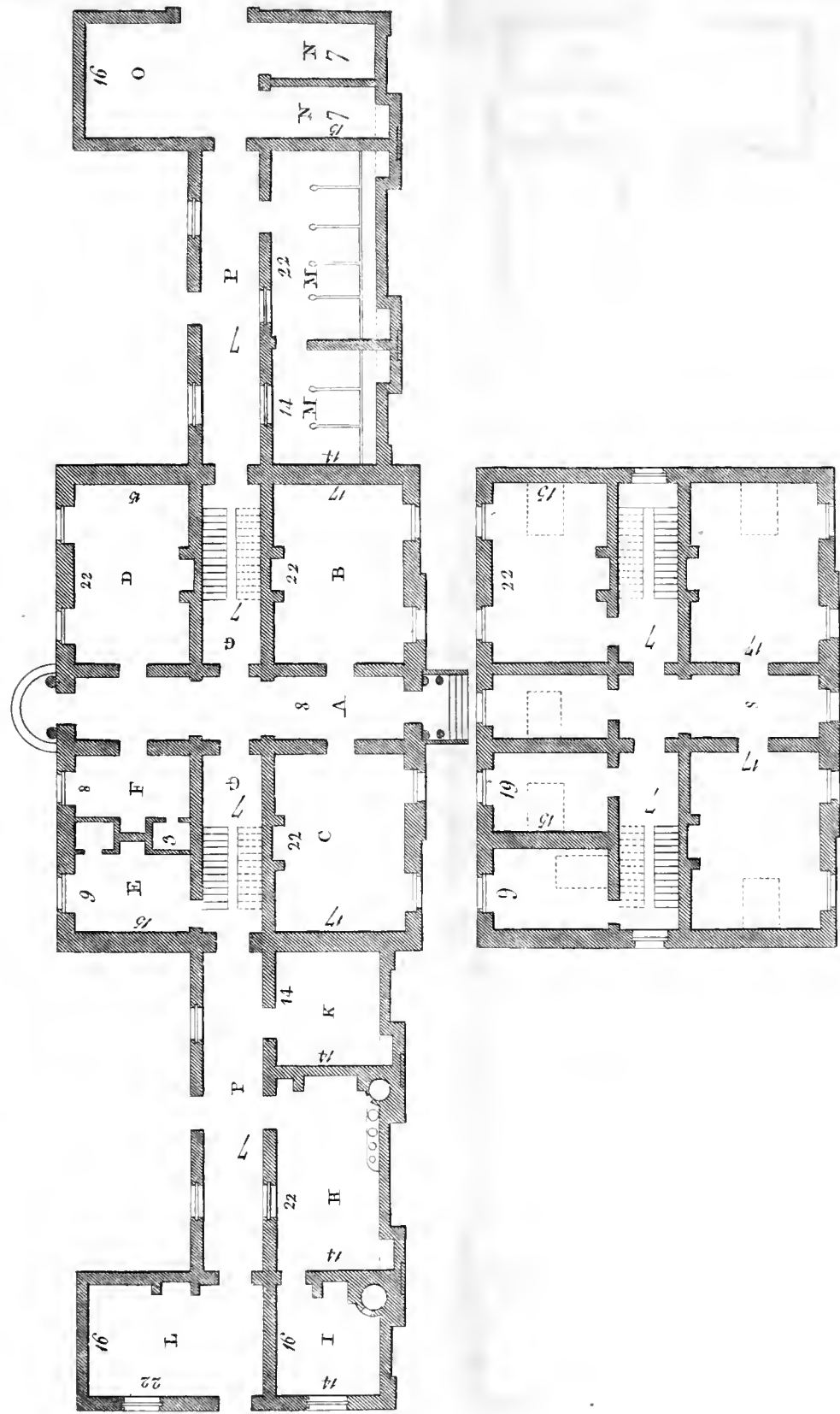


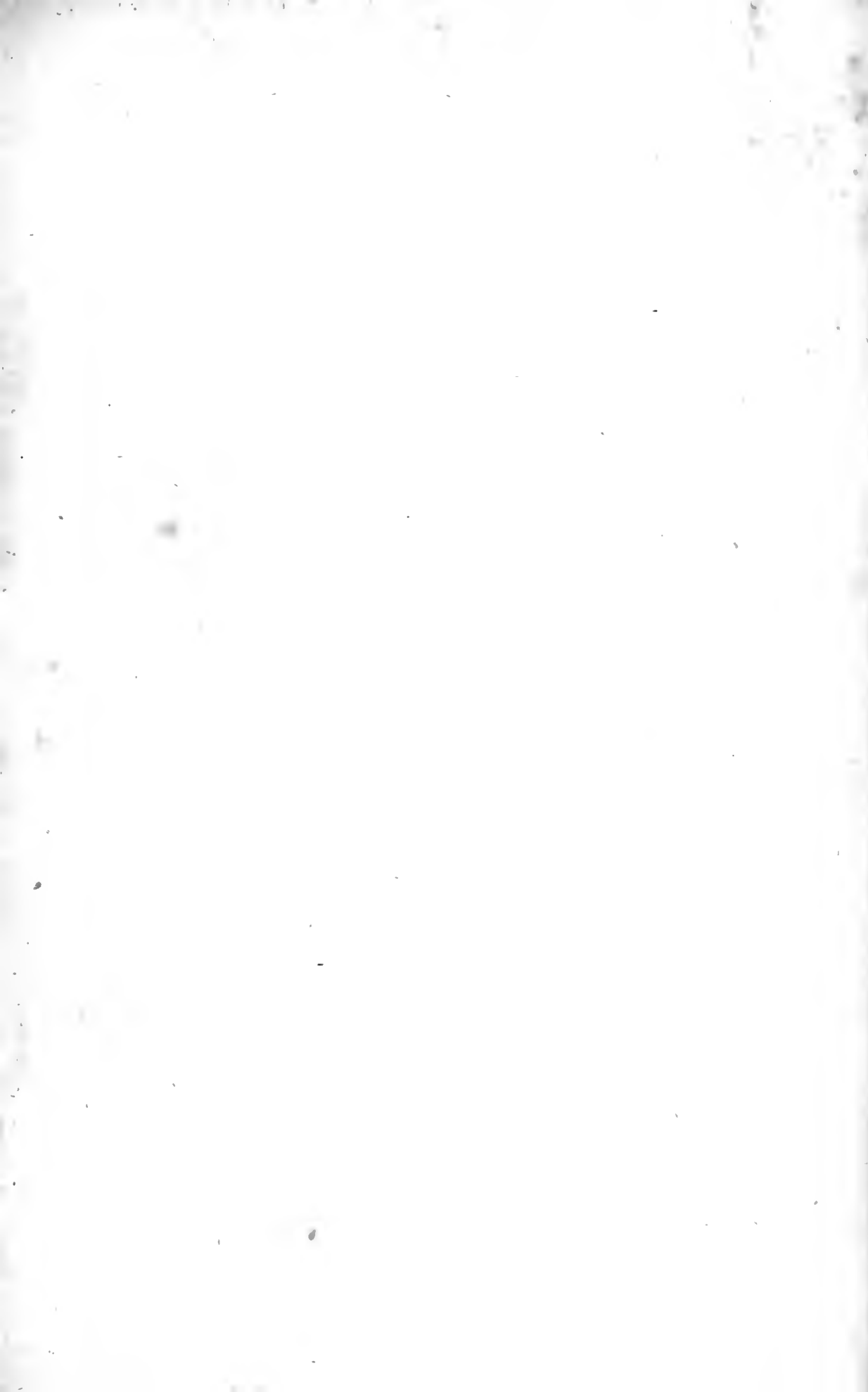


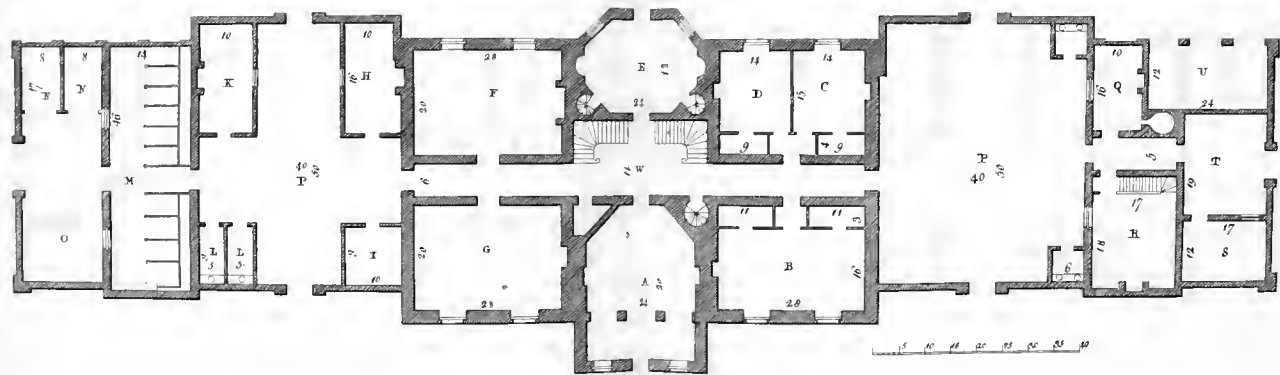
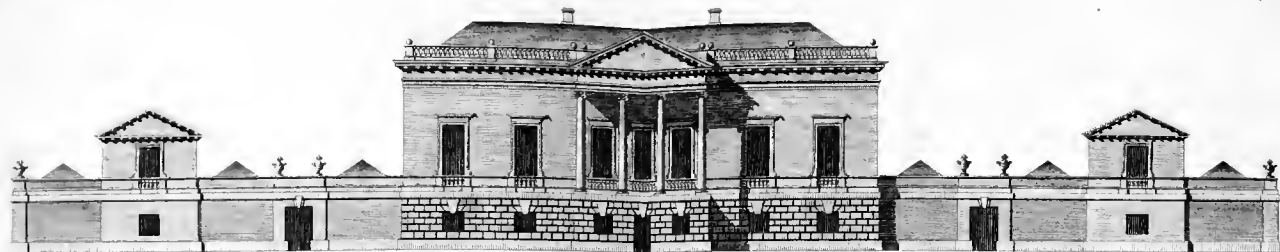


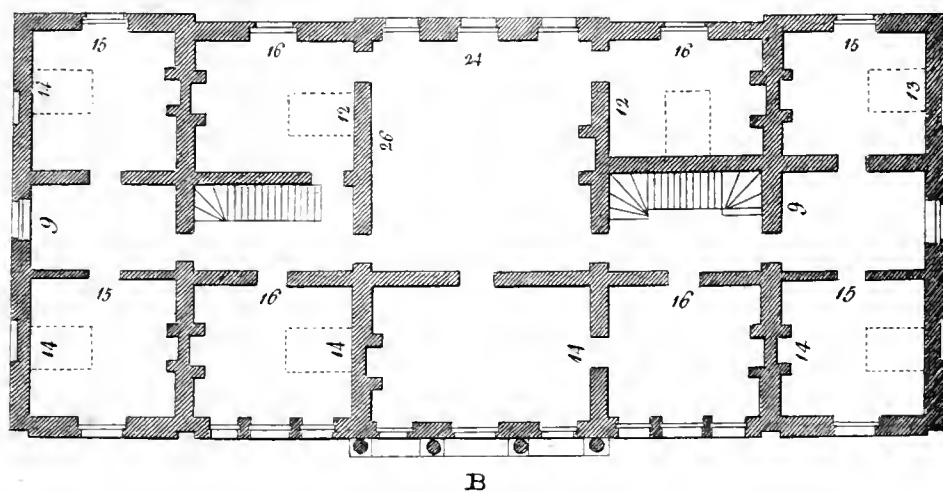
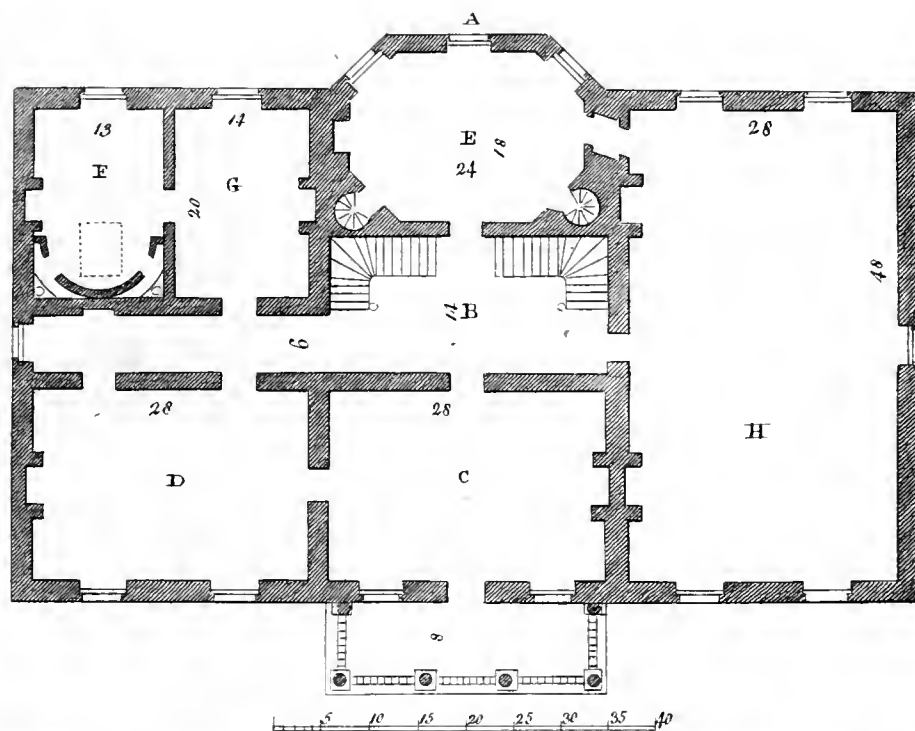


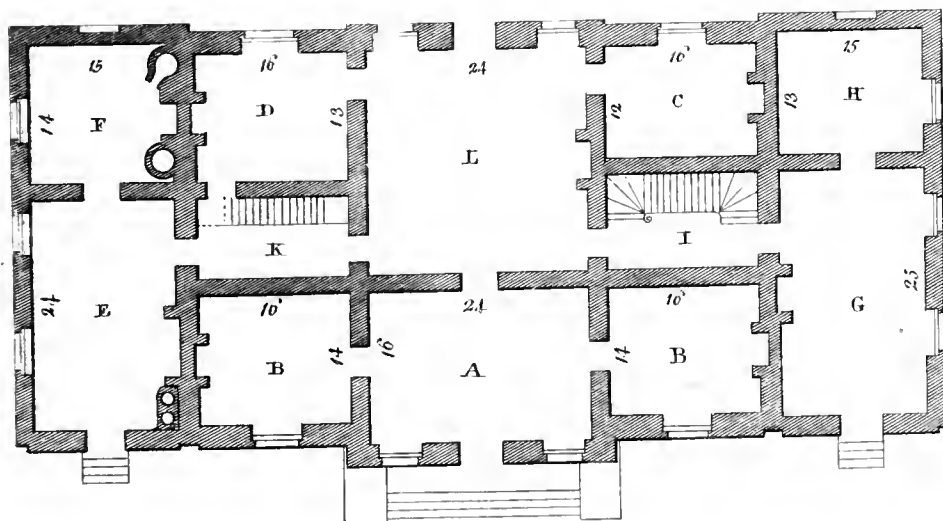
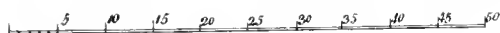
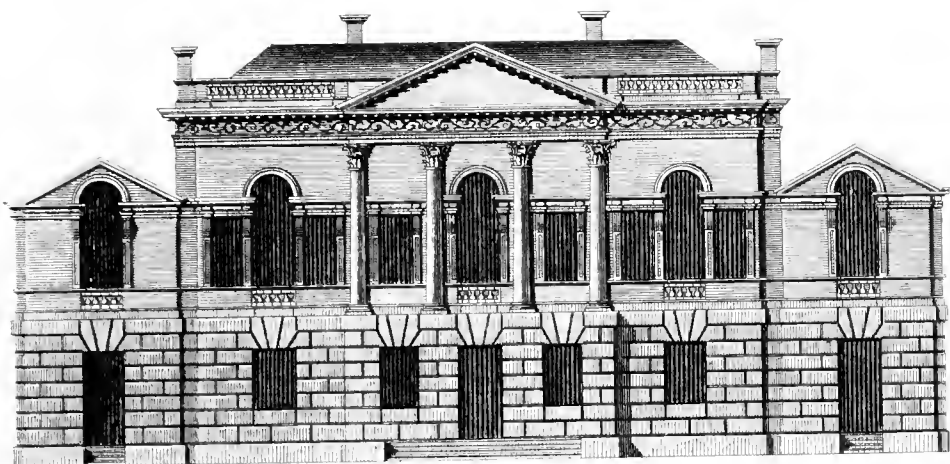
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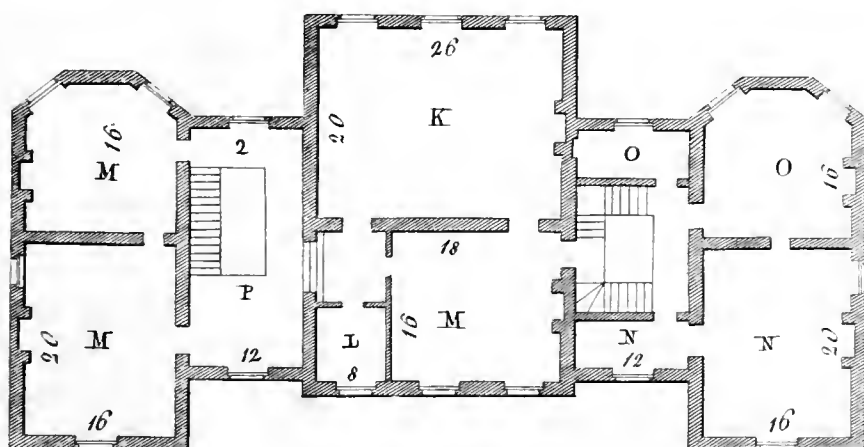
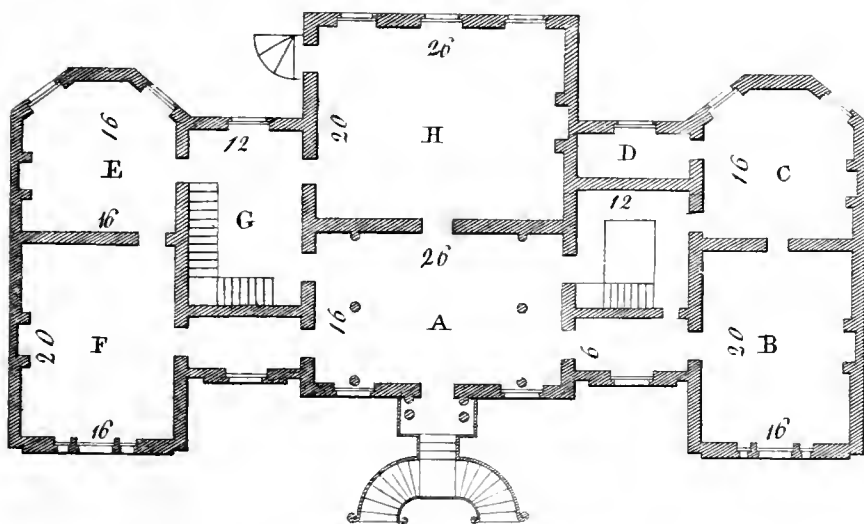
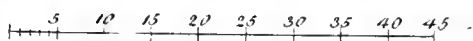
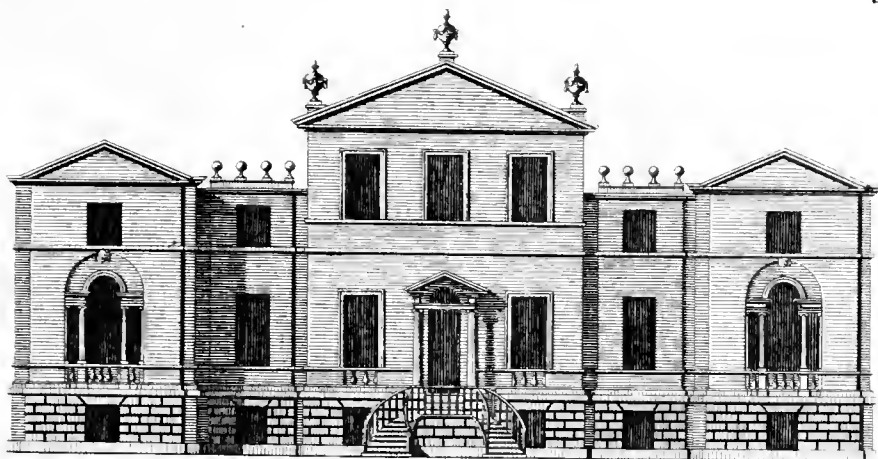


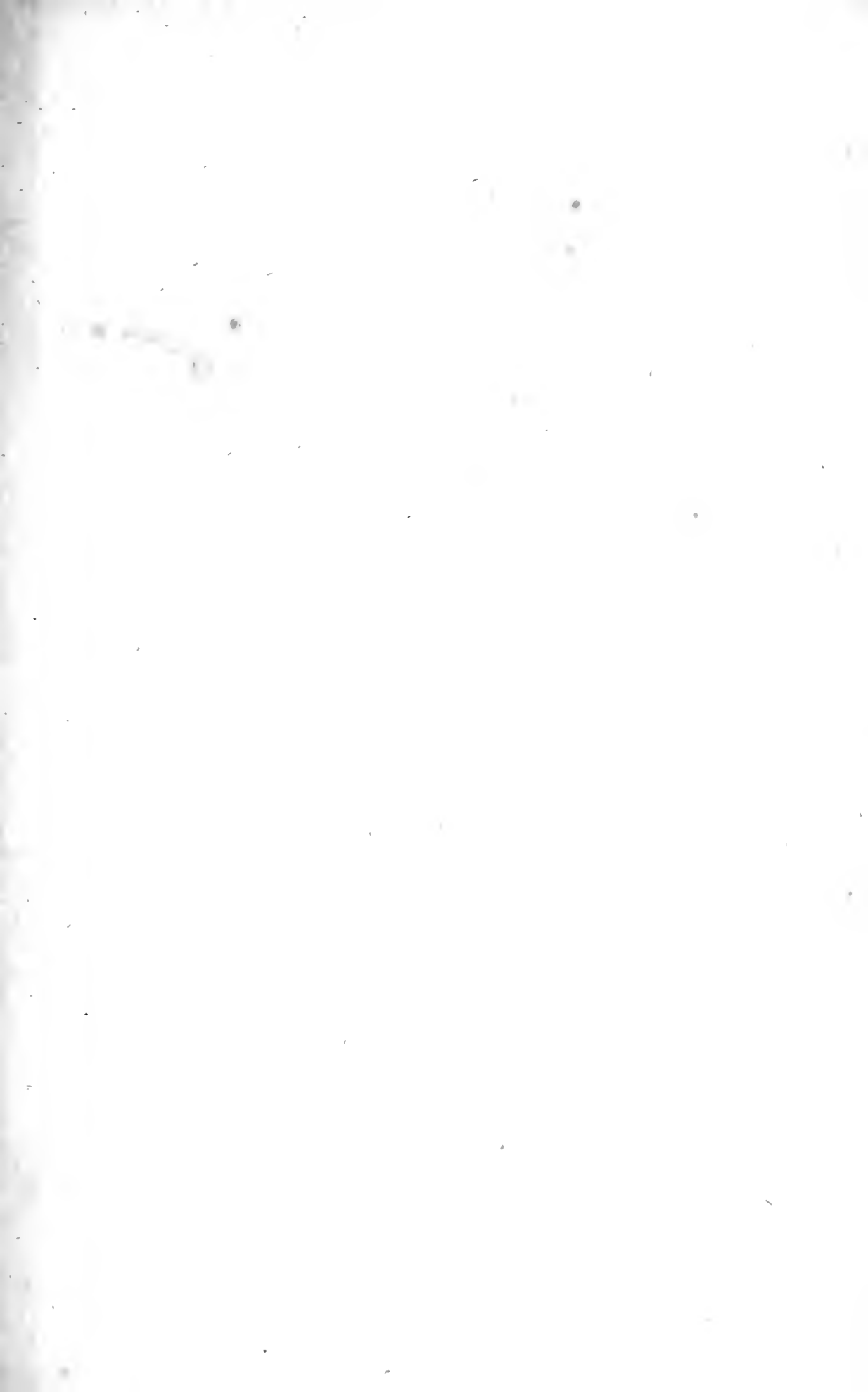


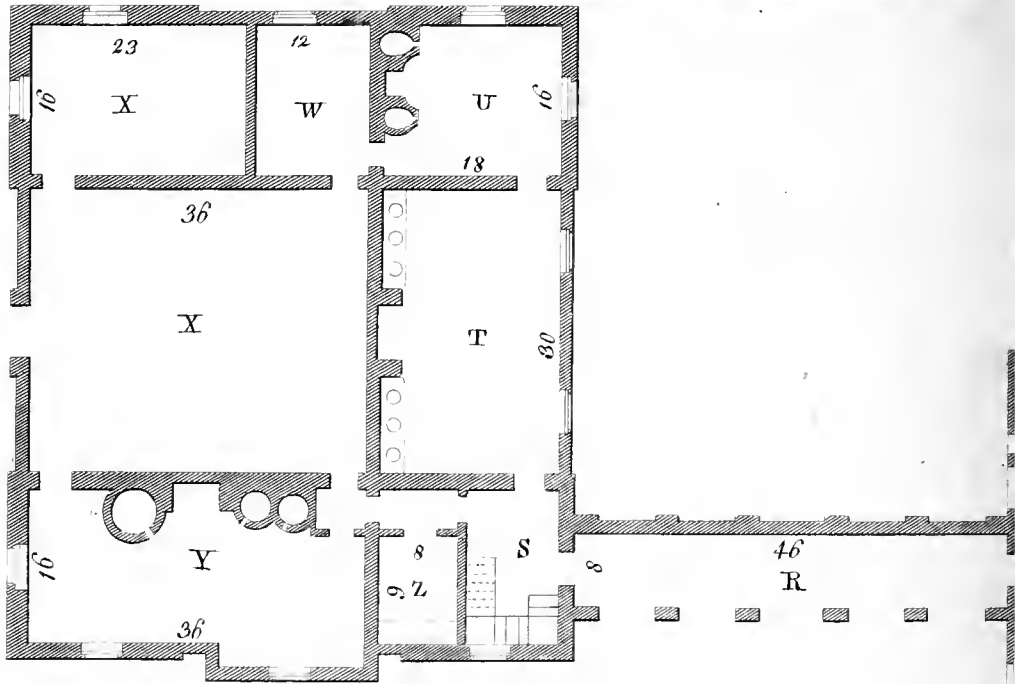
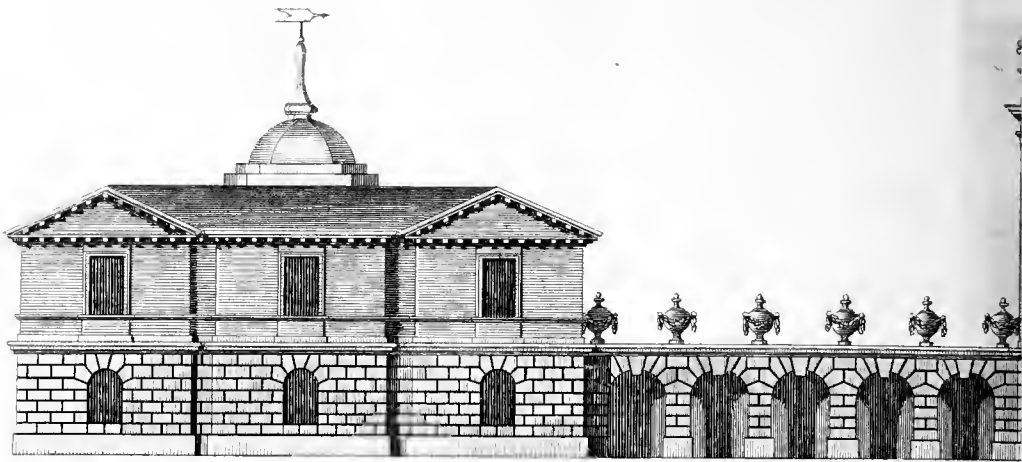




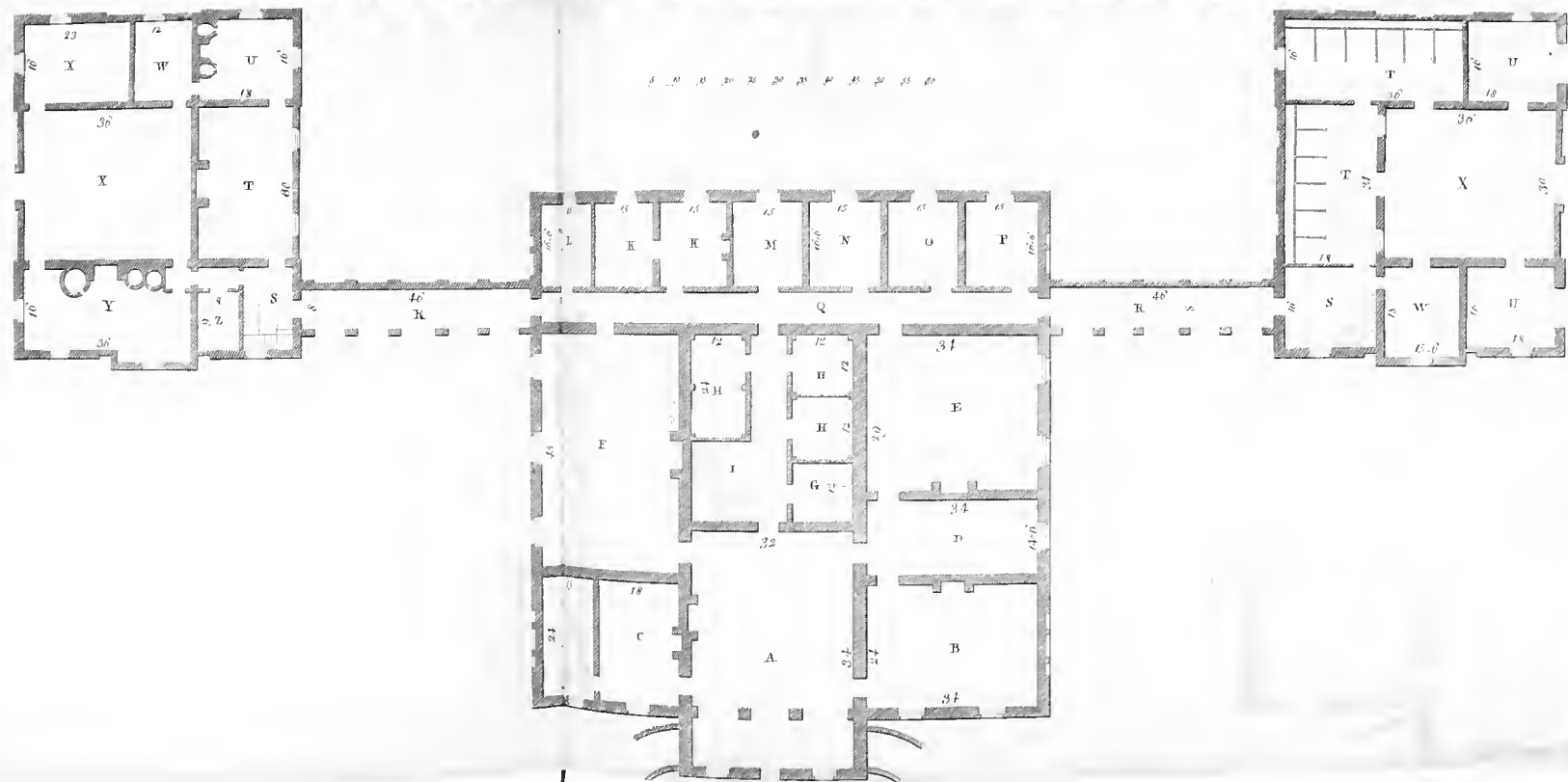


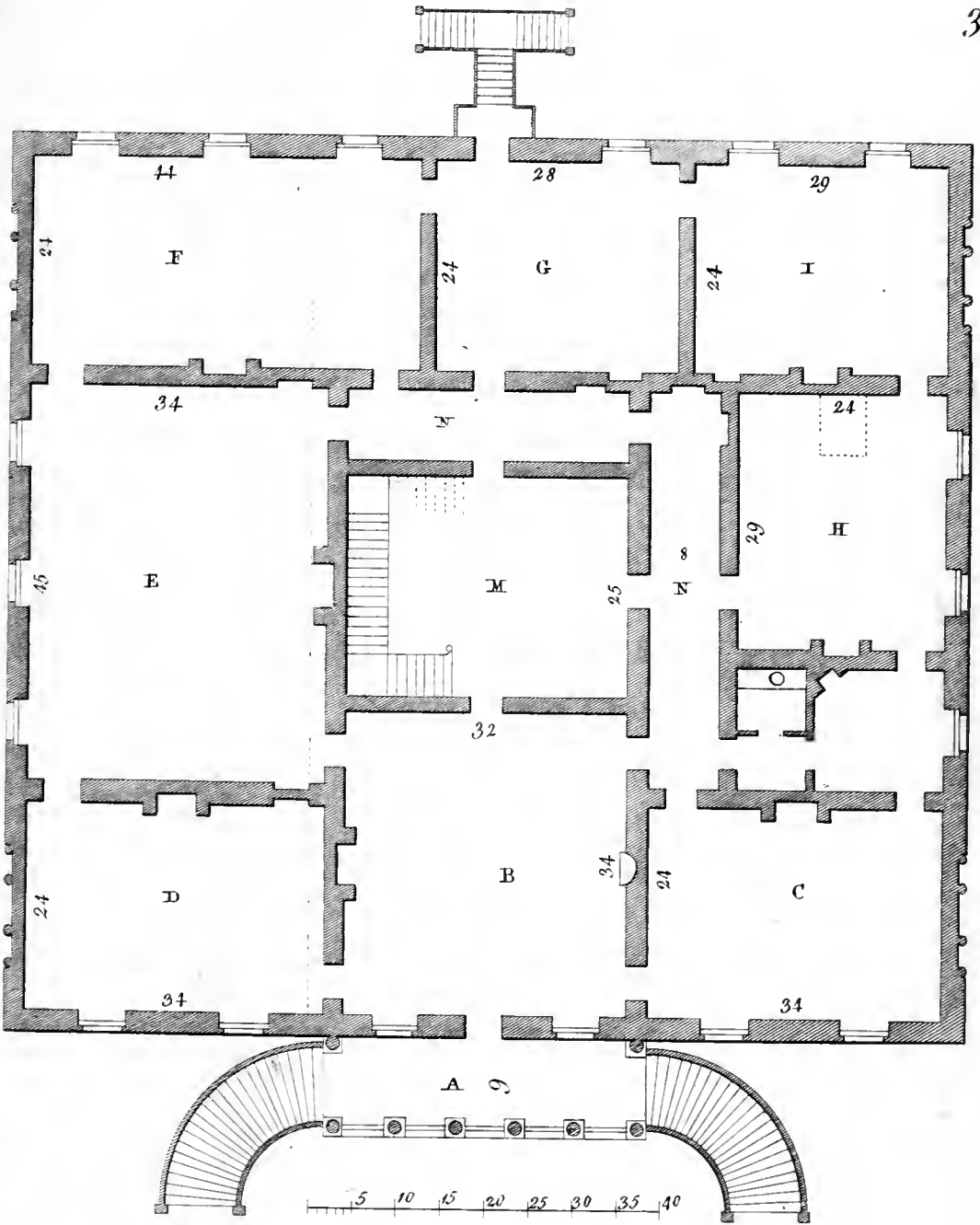


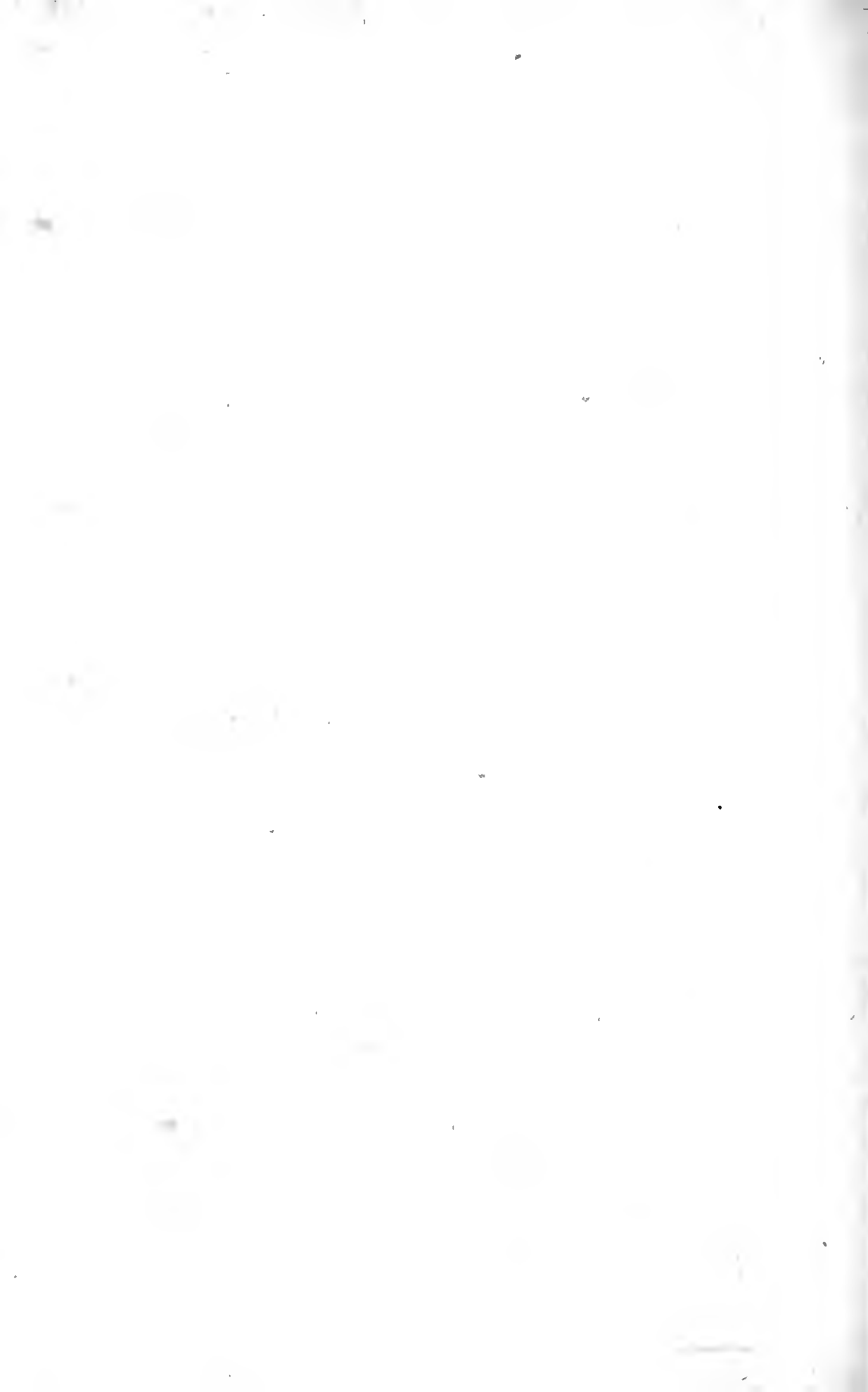


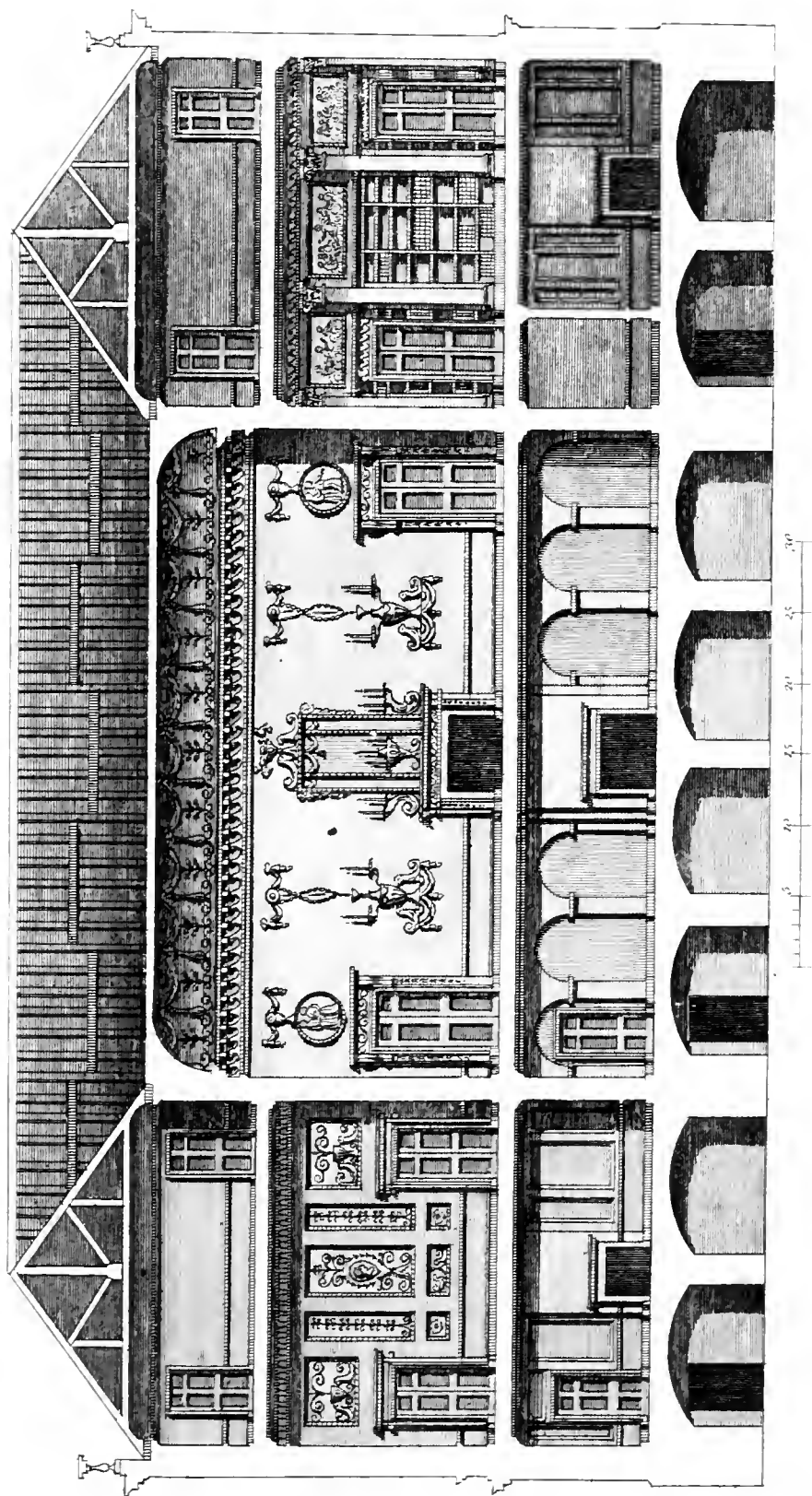


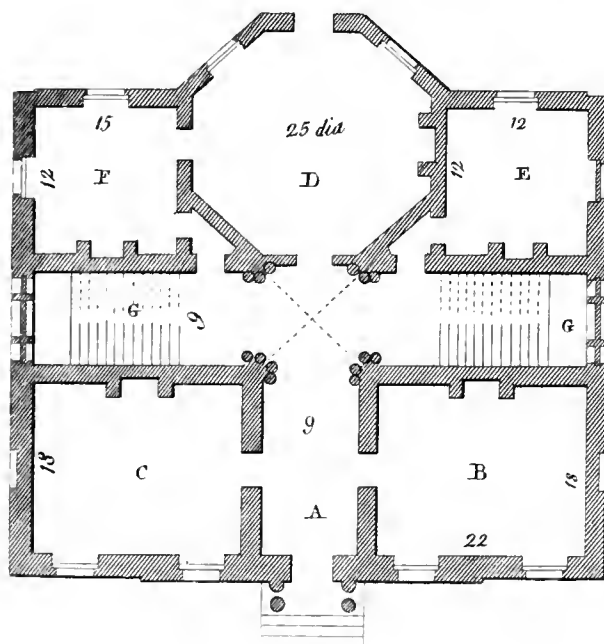
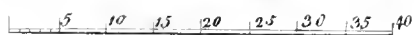
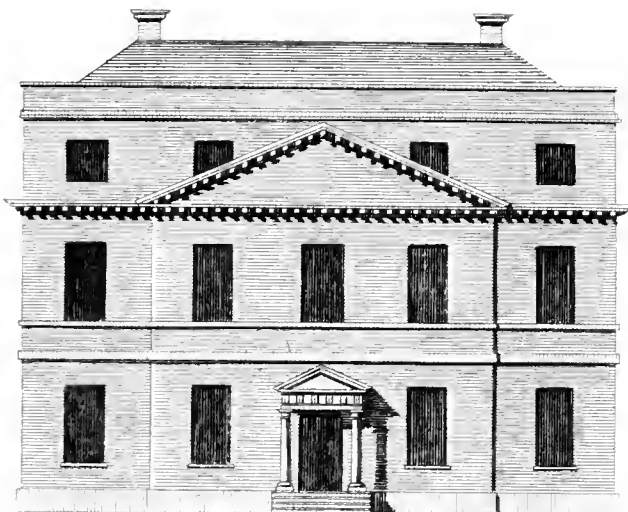


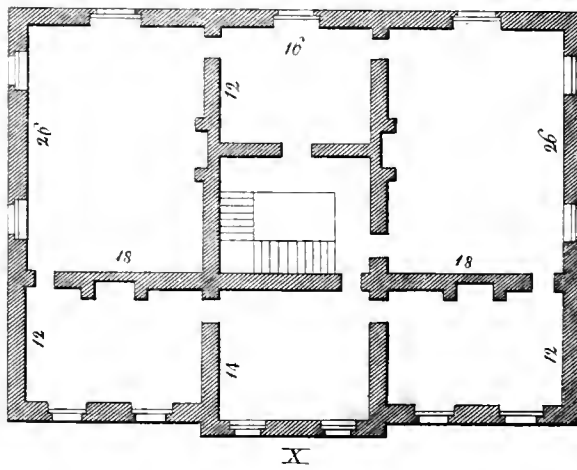
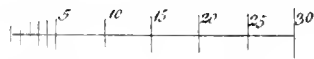
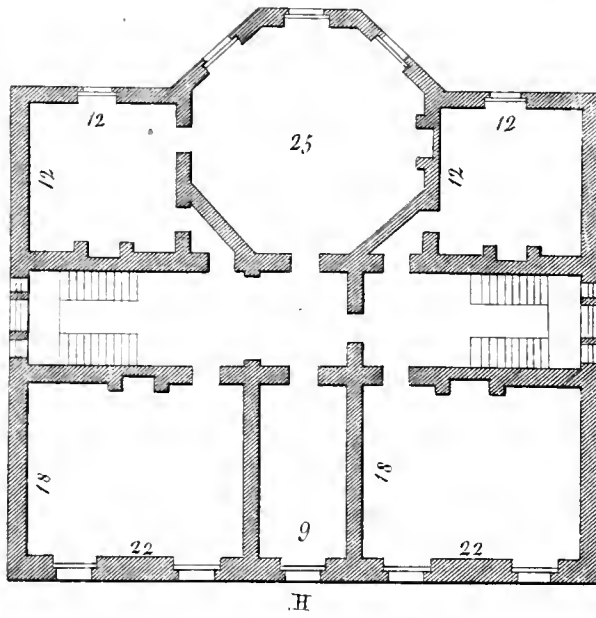


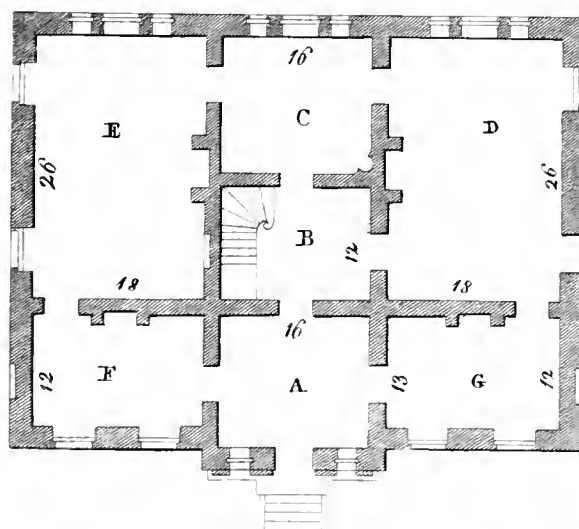
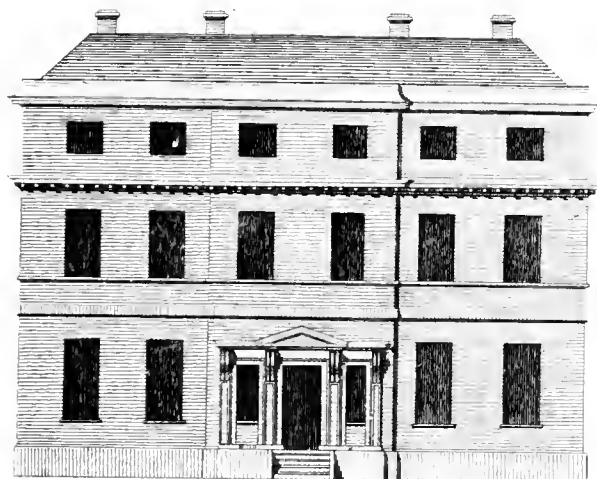


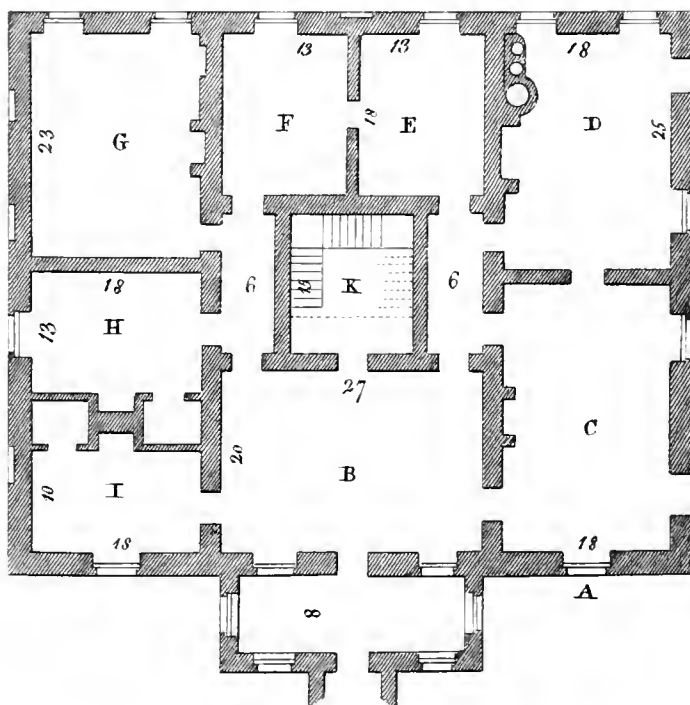
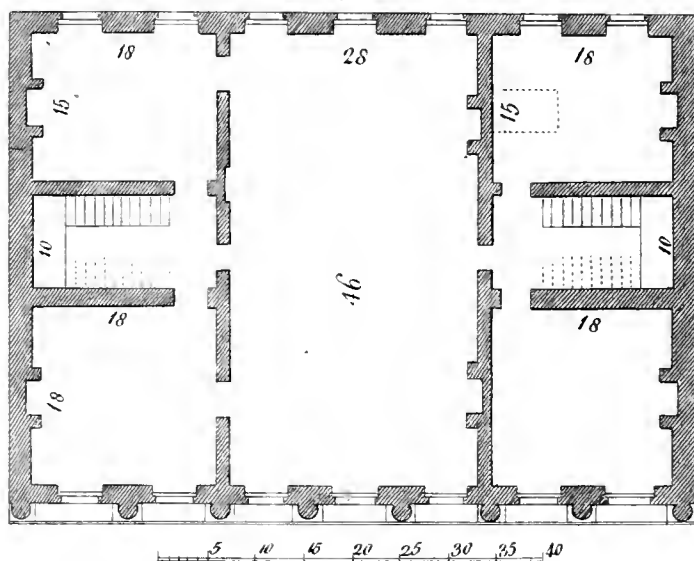


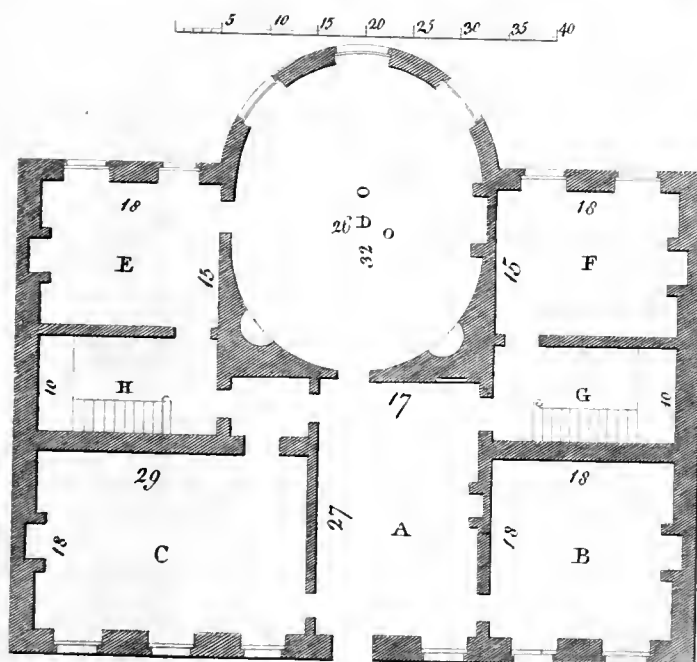
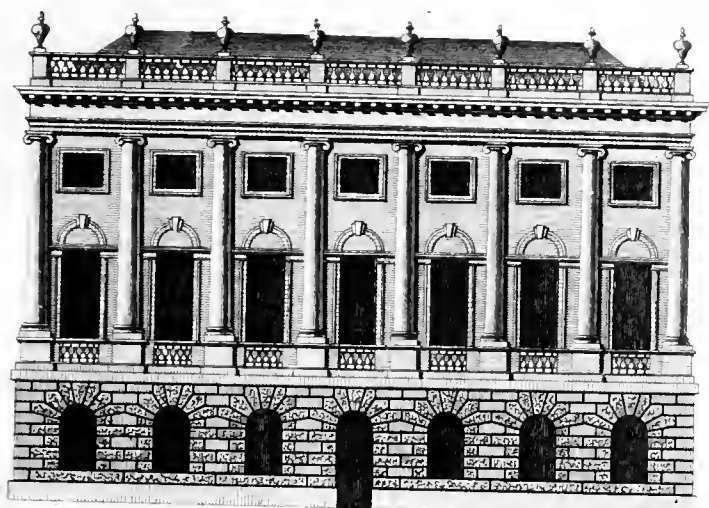


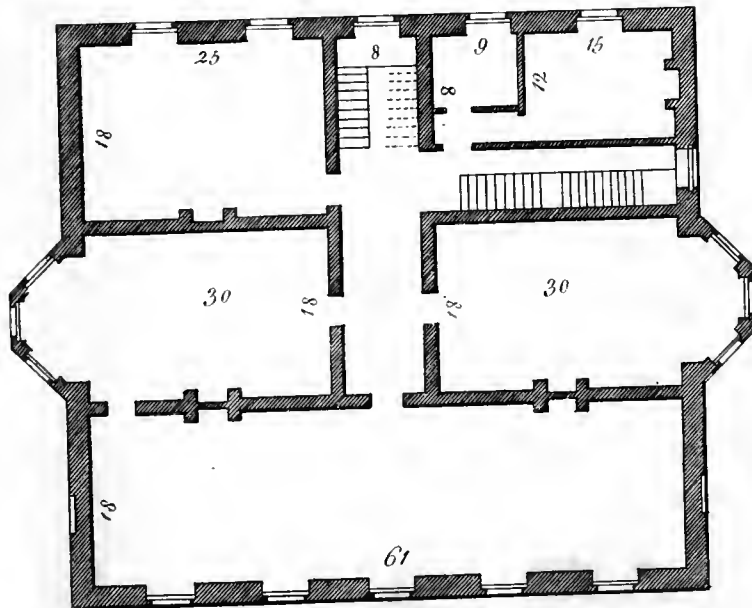
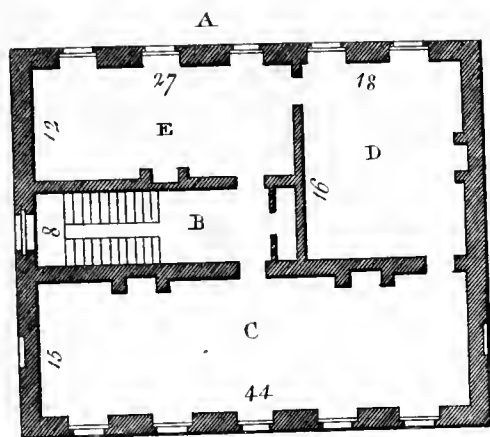


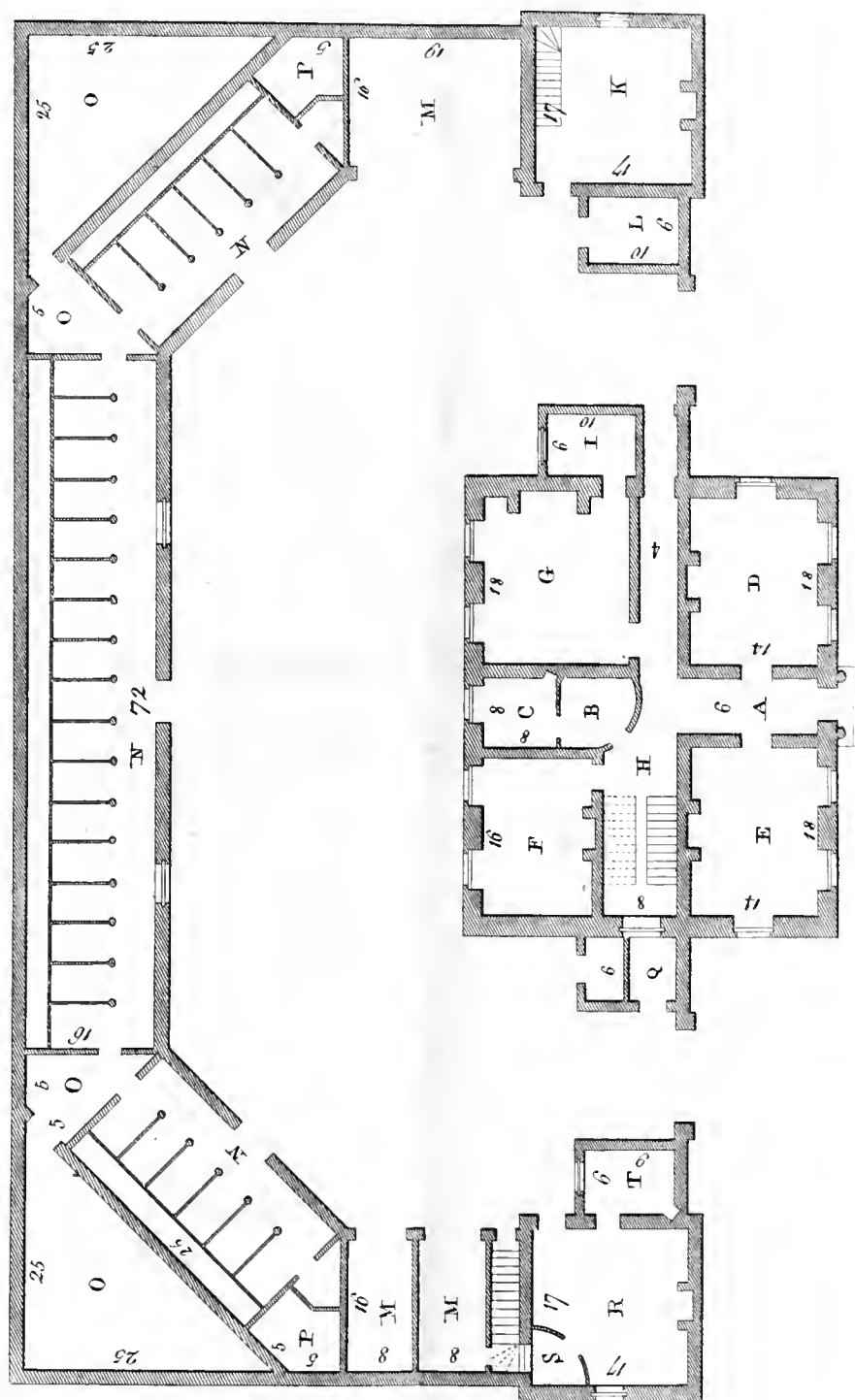
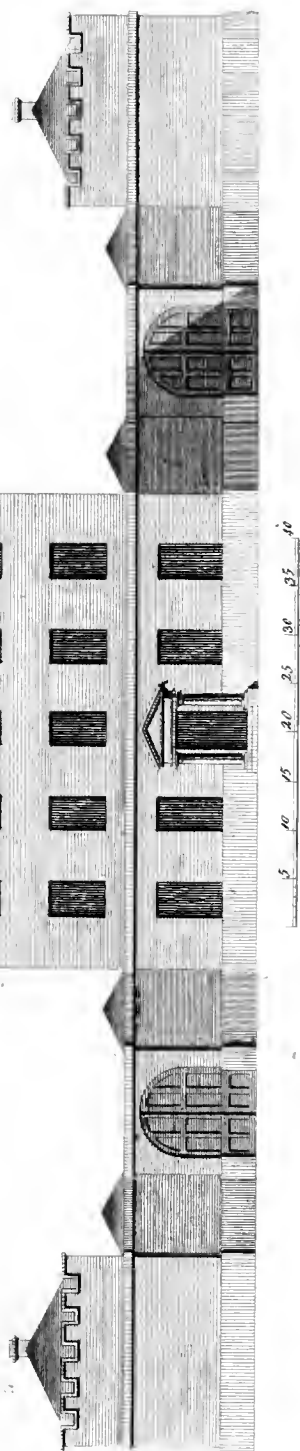


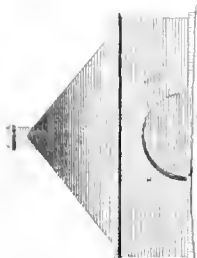
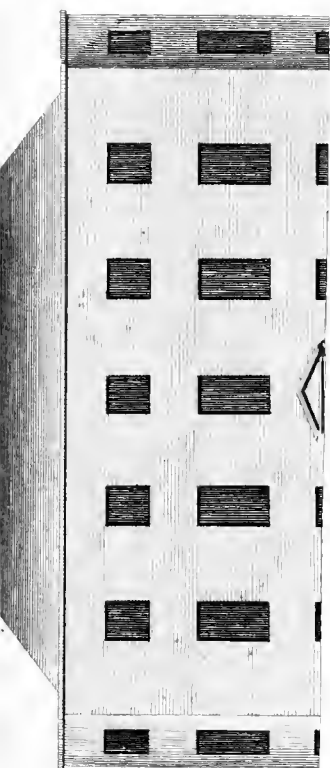
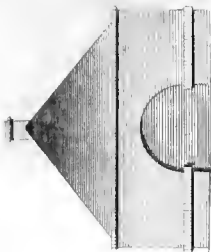






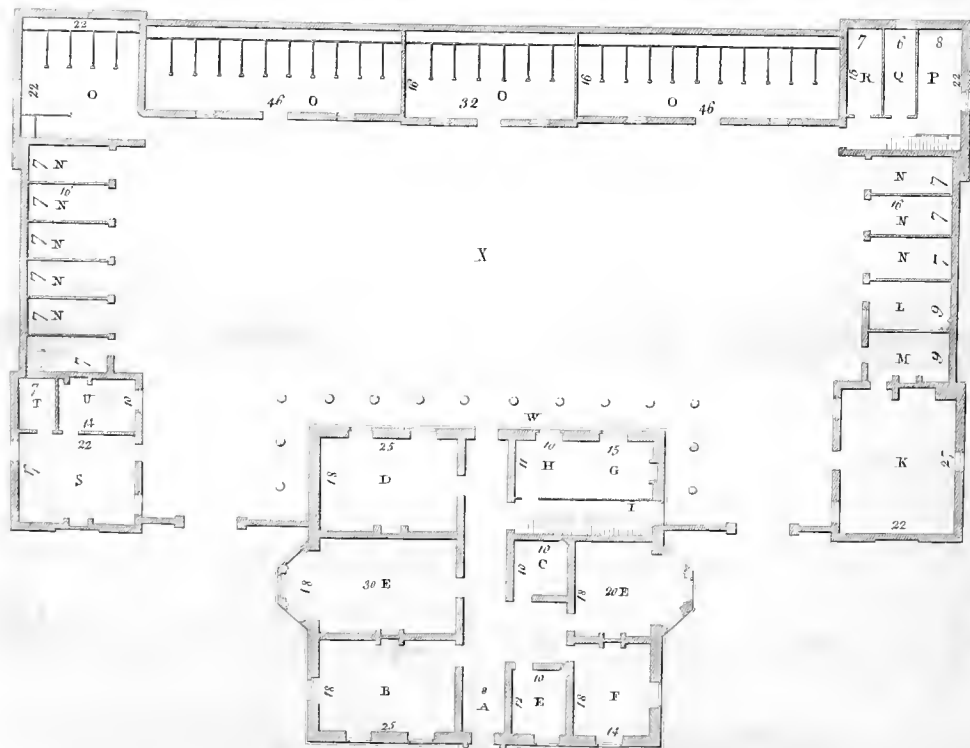




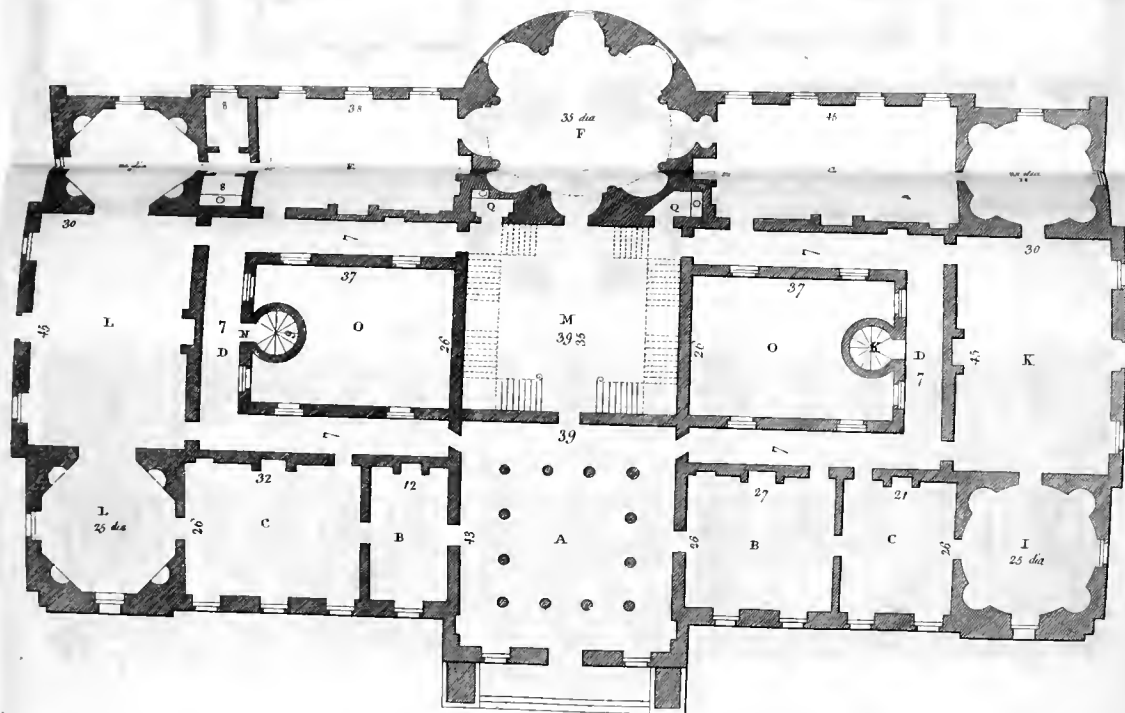




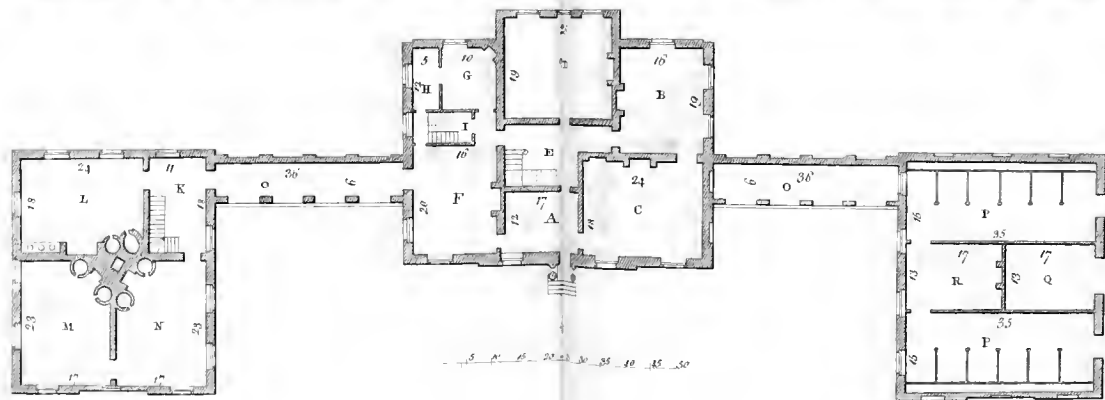
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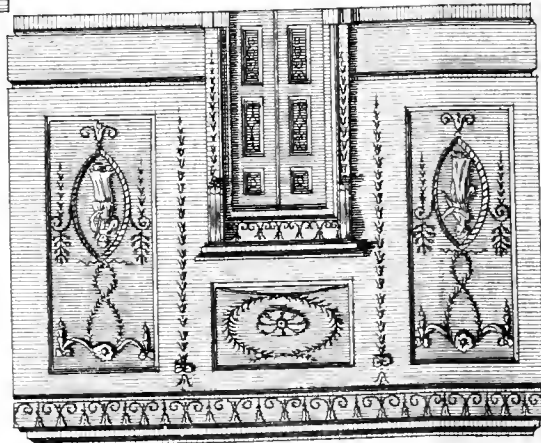
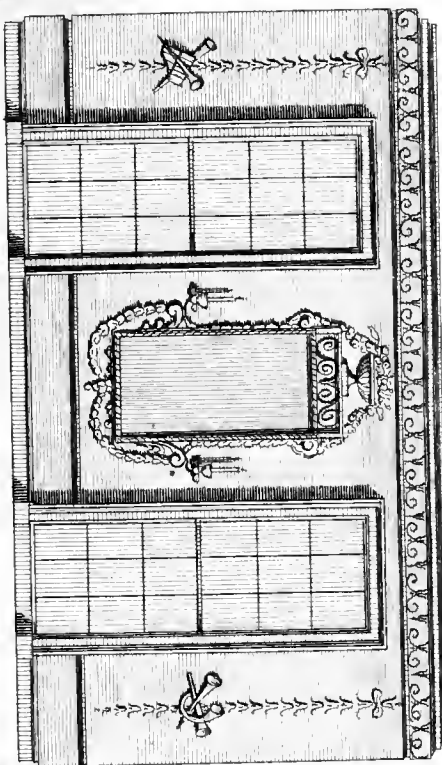
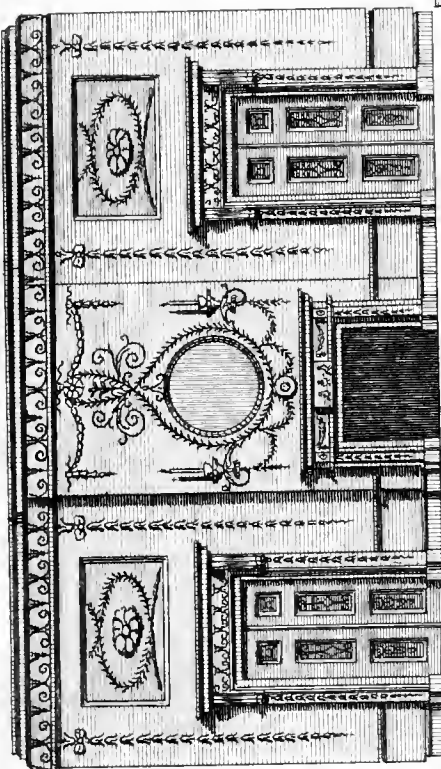
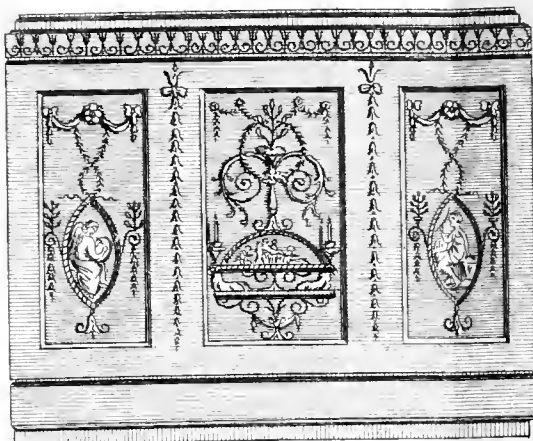


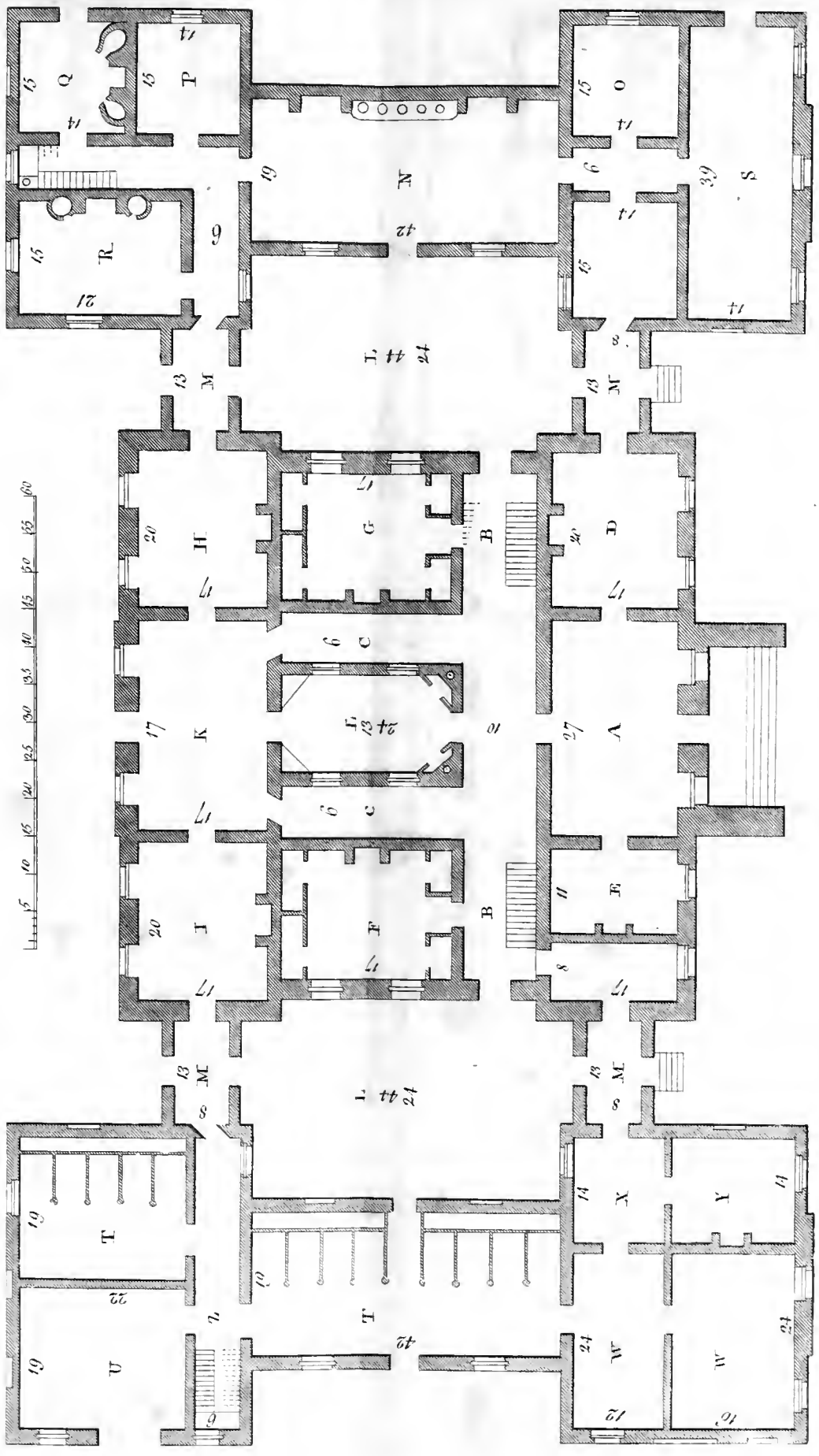
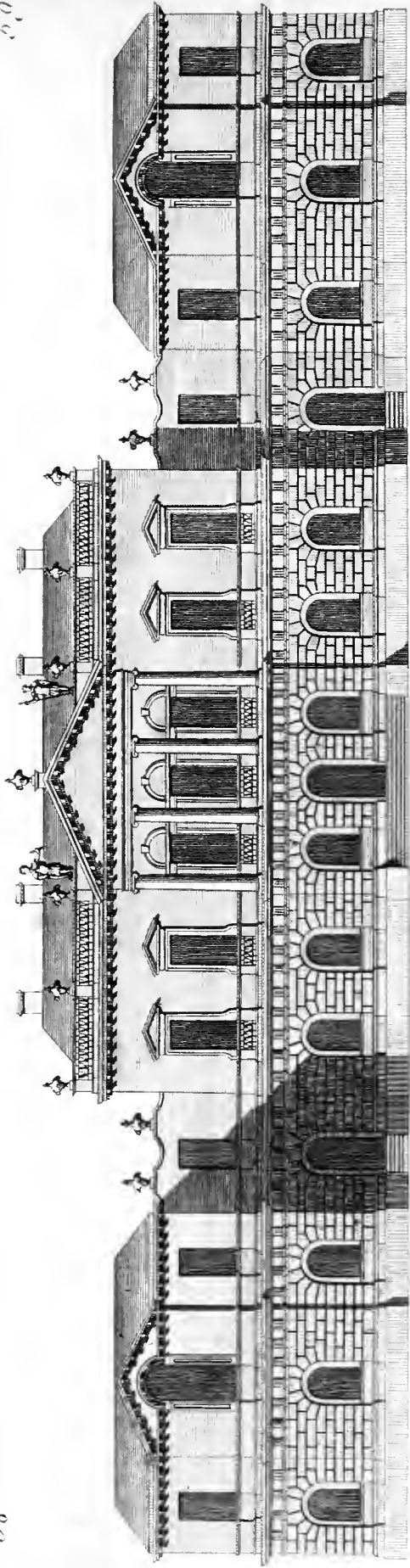


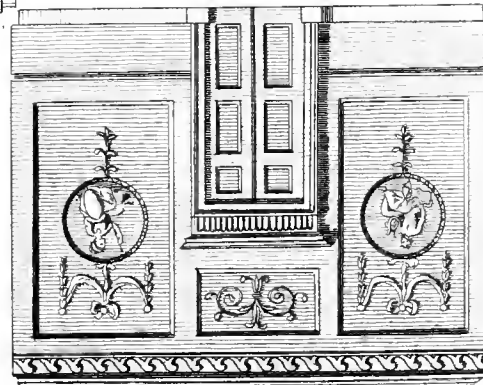
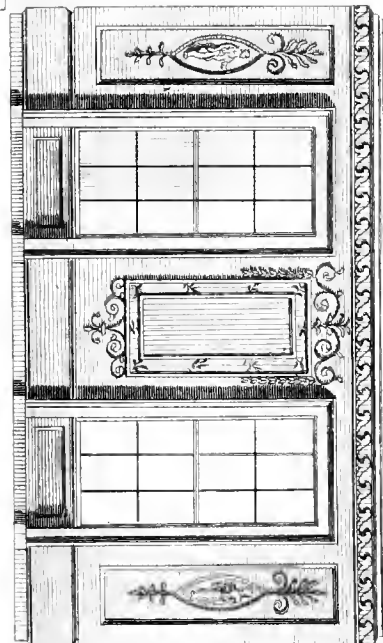
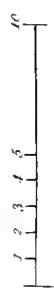
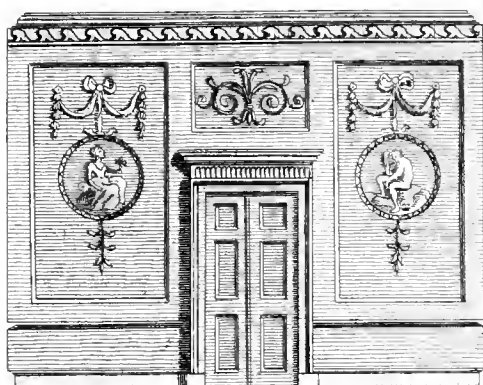
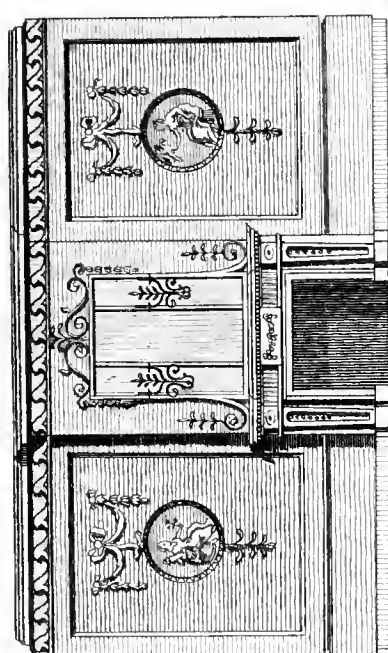


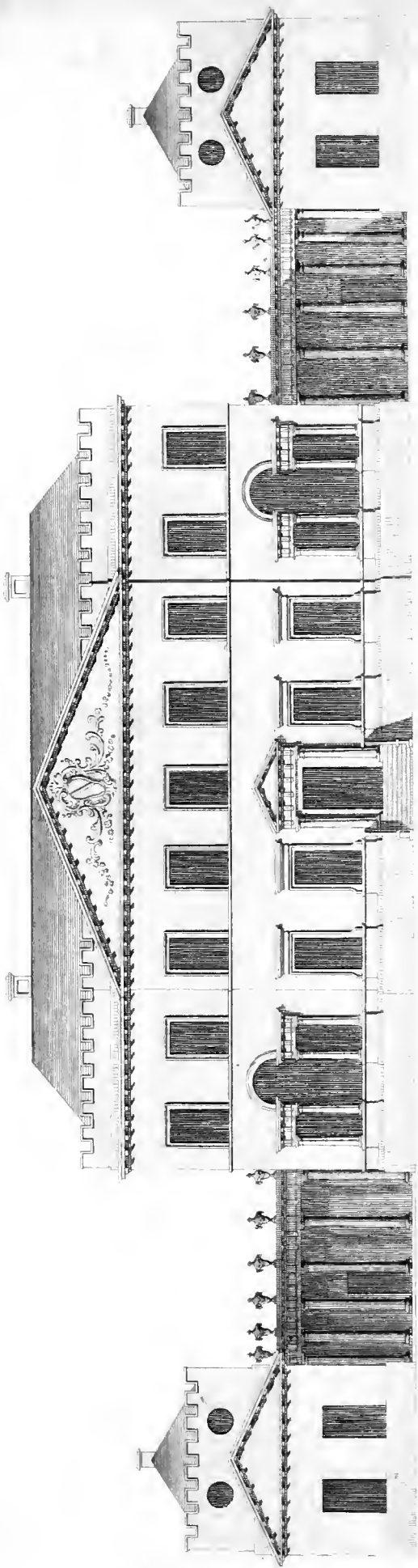




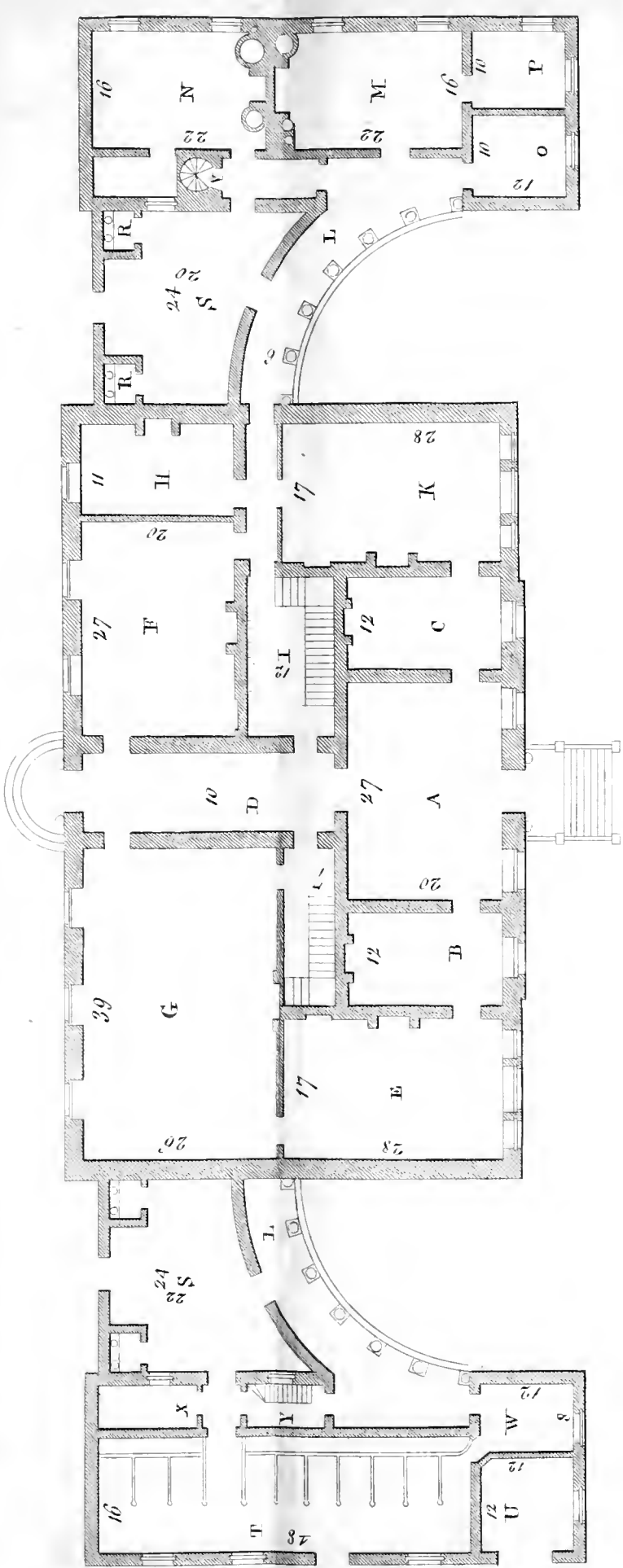


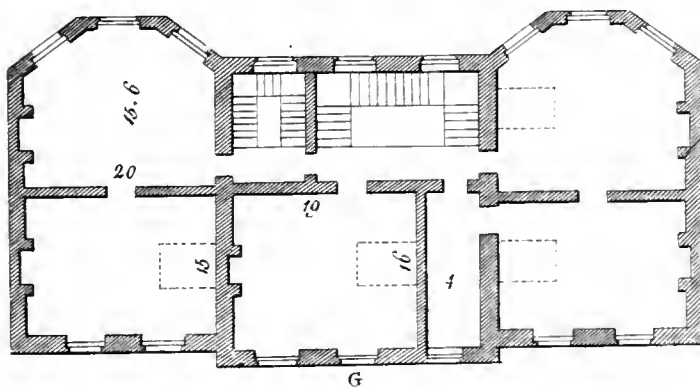
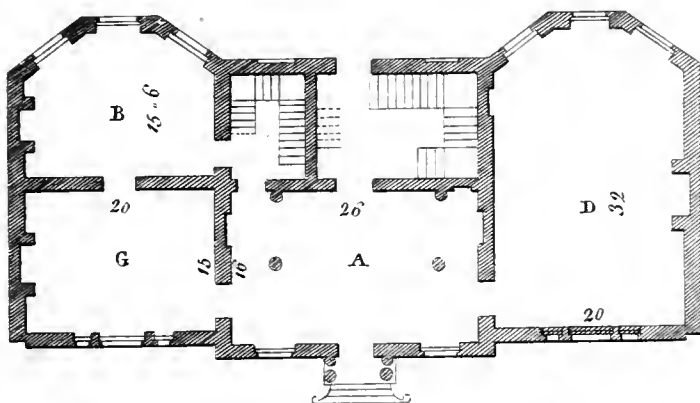
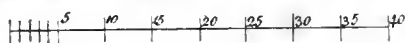
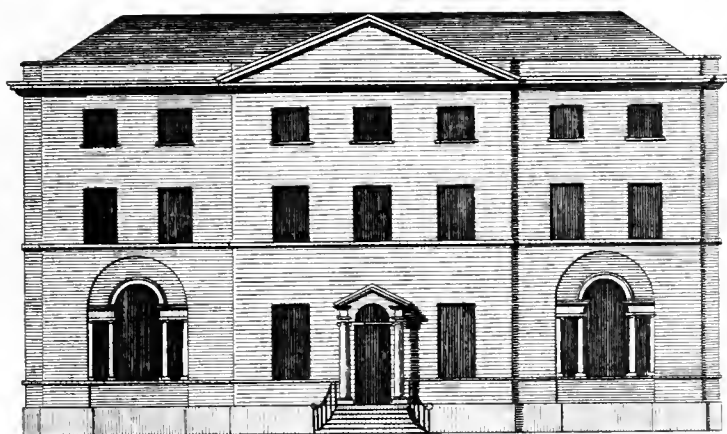






Scale in feet 5 10 15 20 25 30 35 40 45 50





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PHYSICS DEPARTMENT

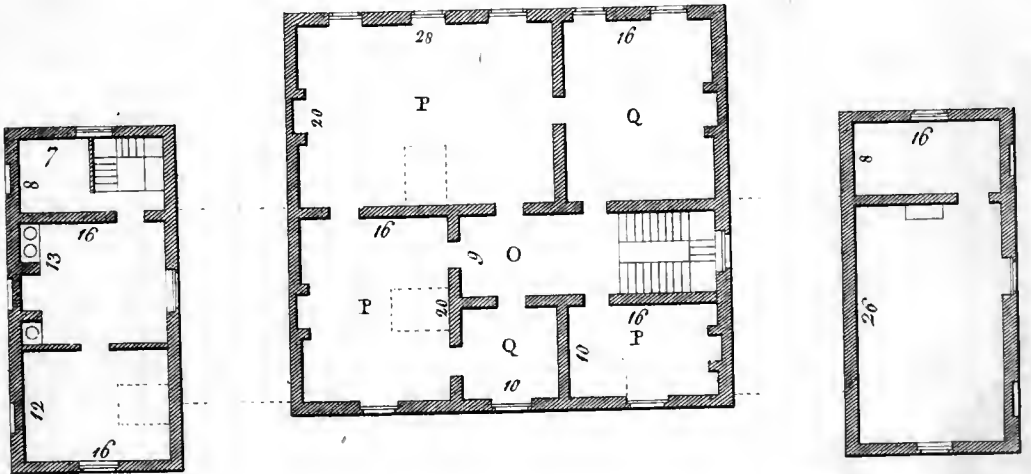
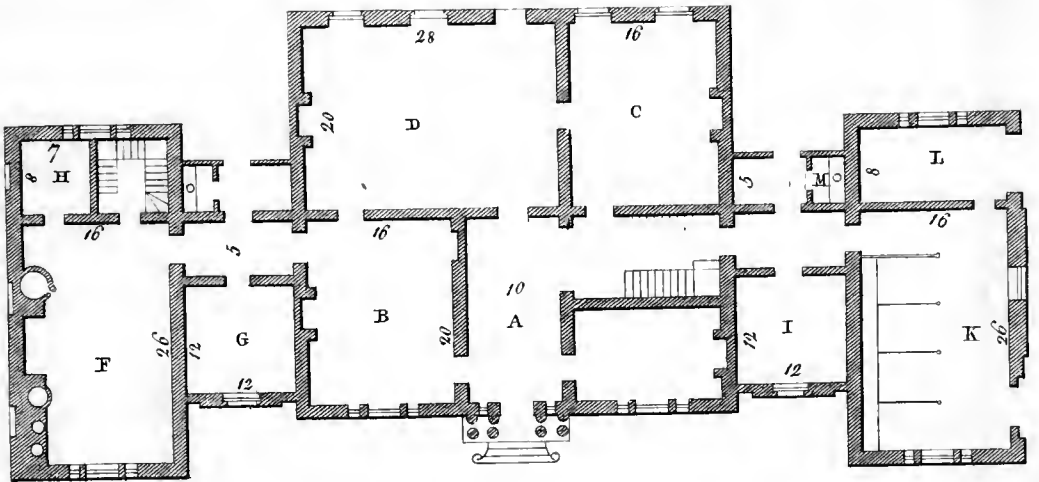
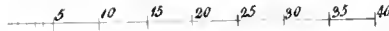
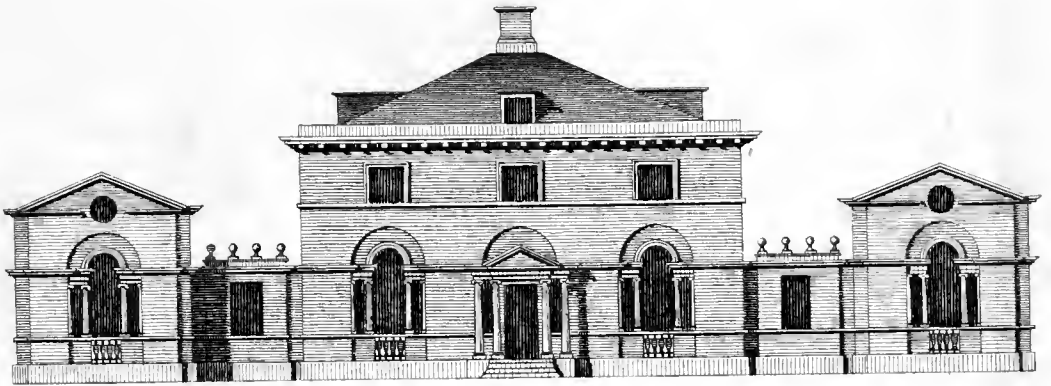
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LECTURE 1

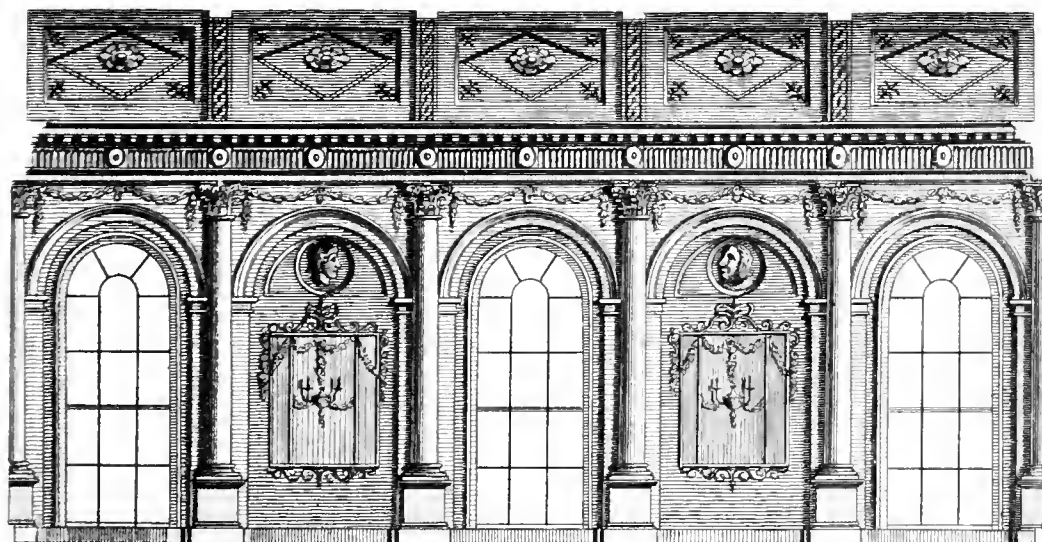
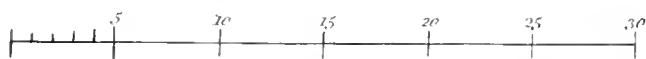
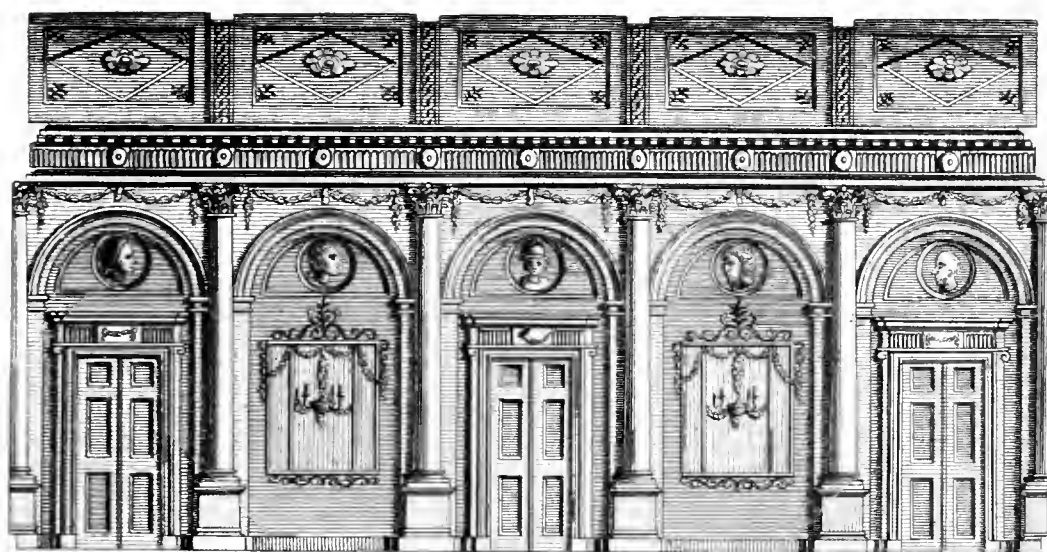
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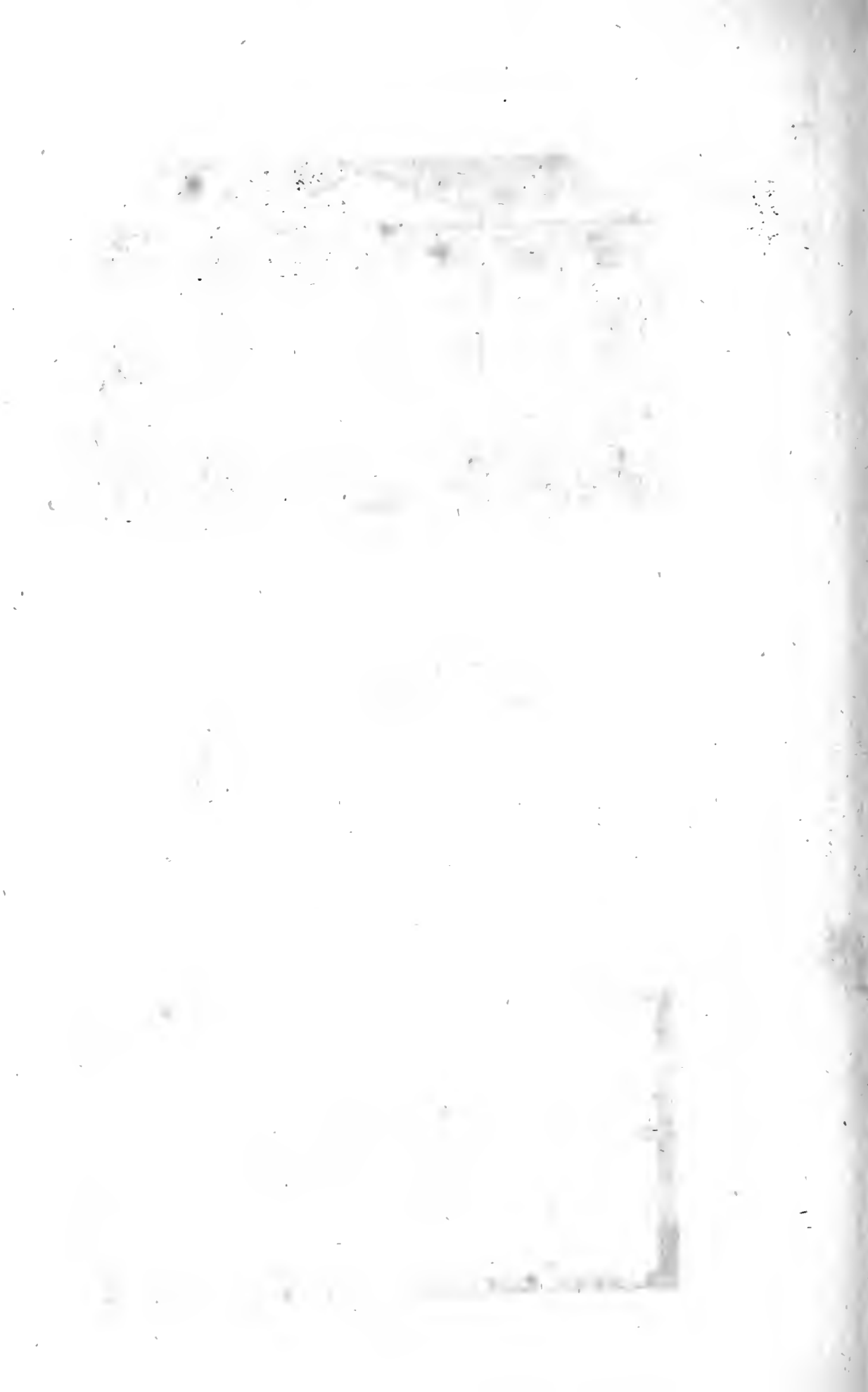
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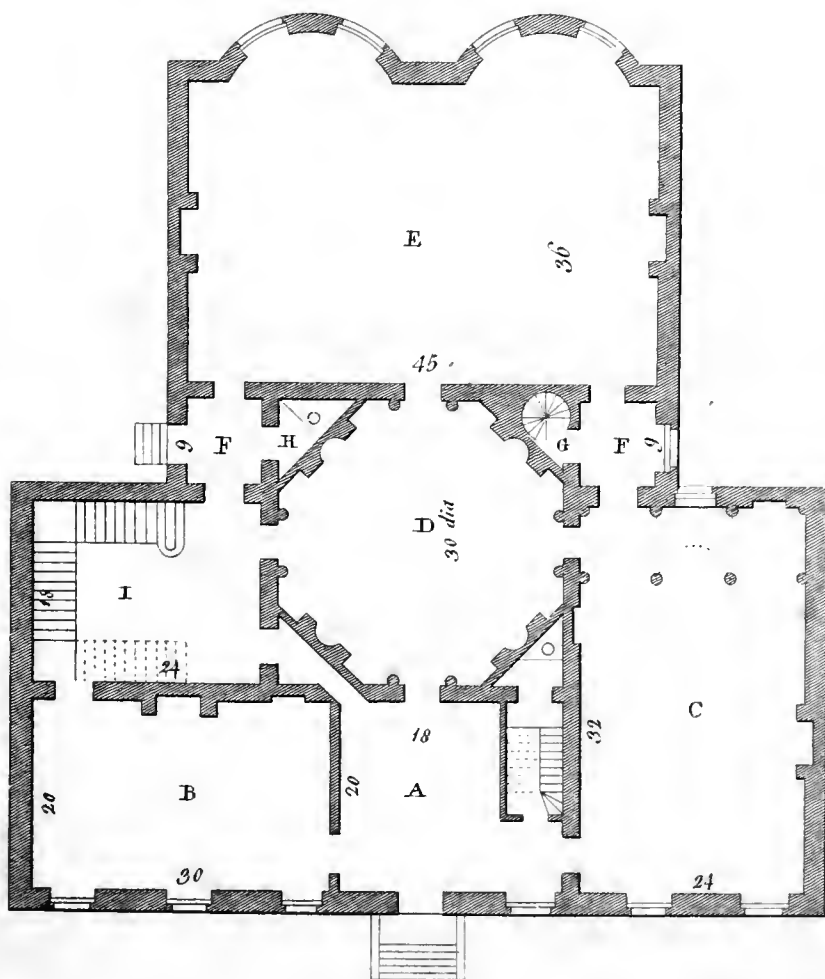
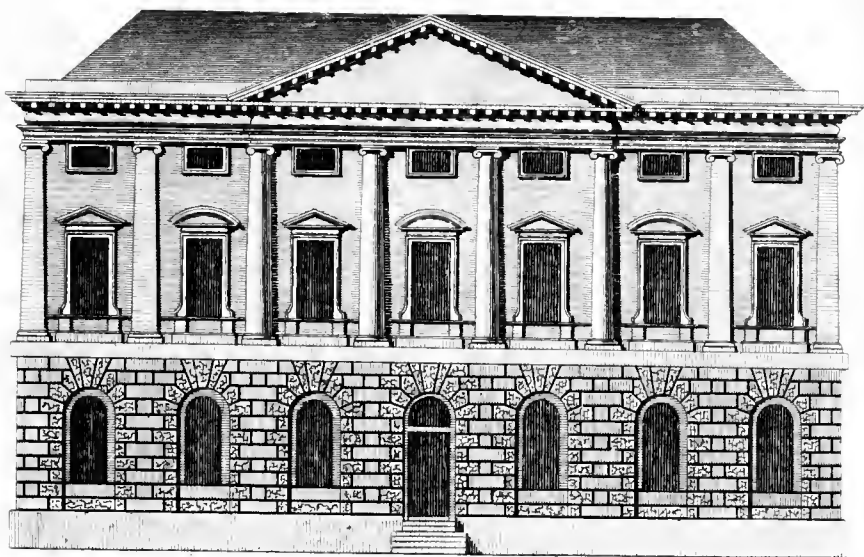
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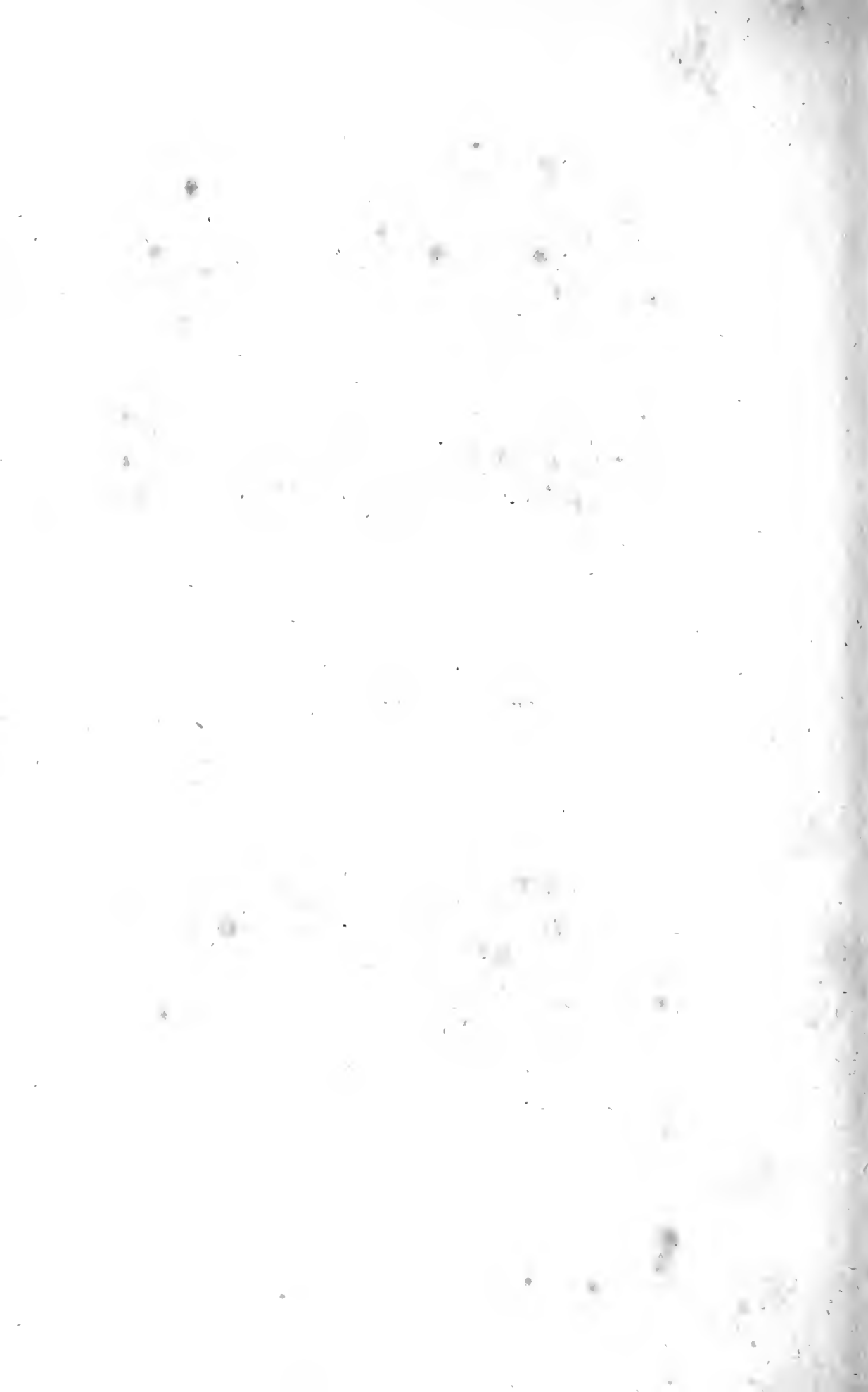


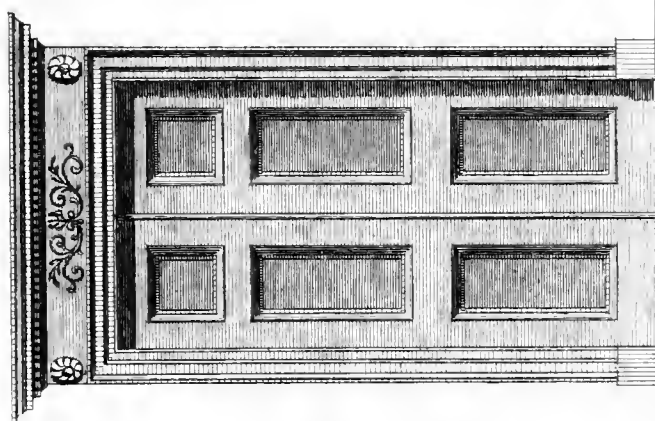
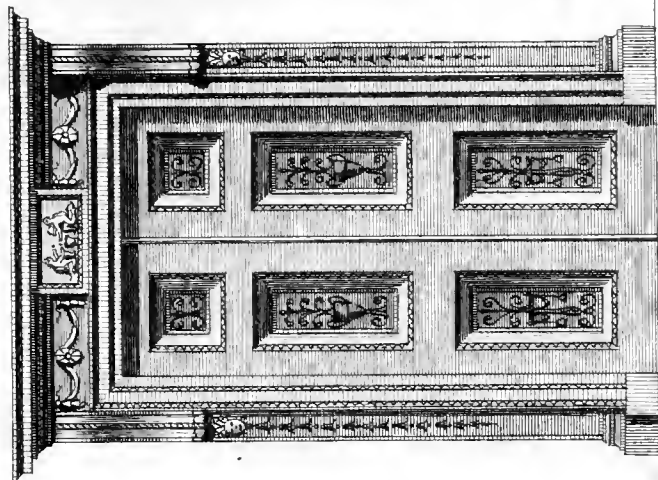


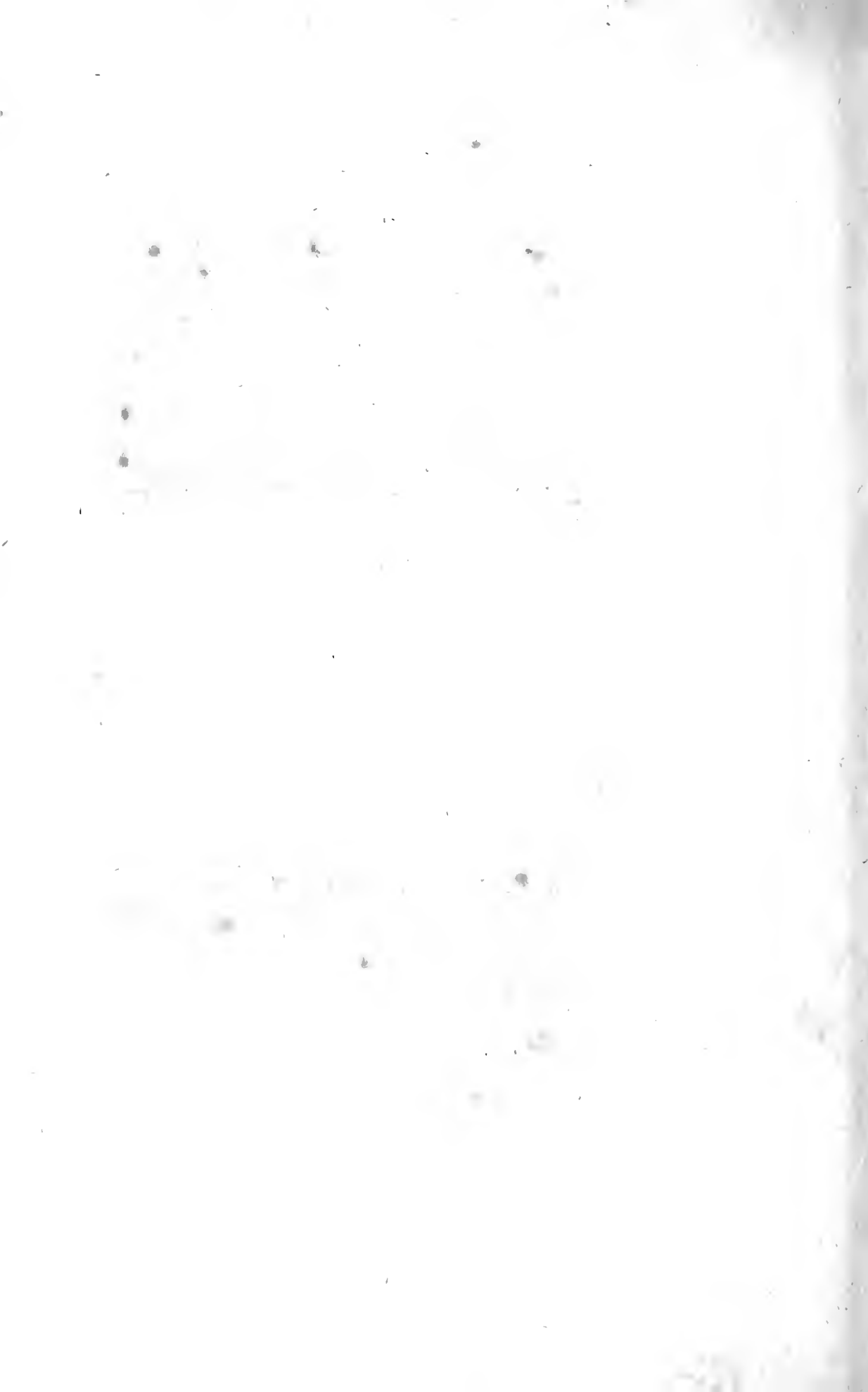


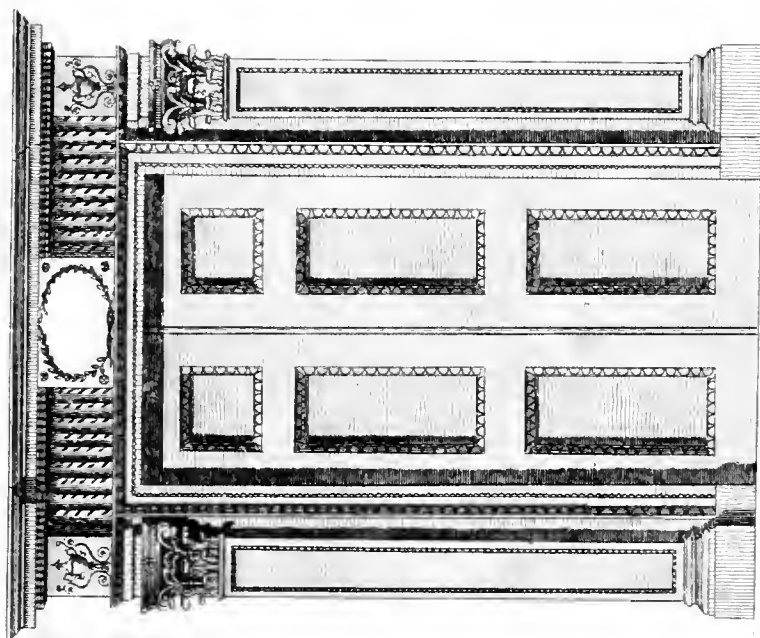
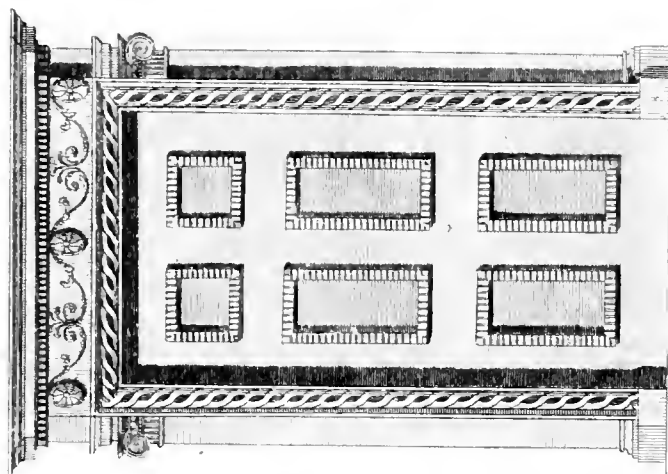




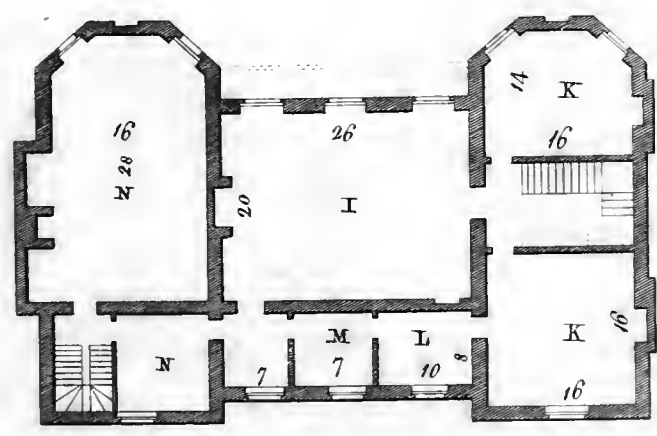
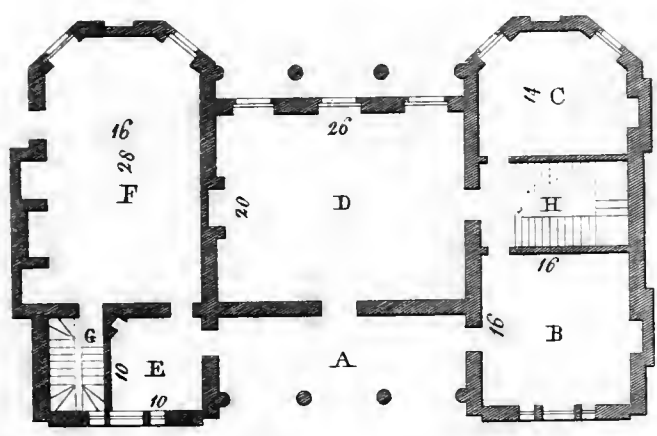
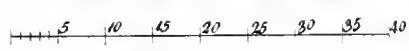
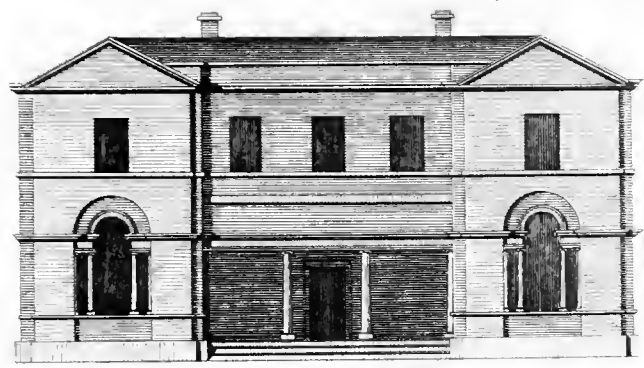


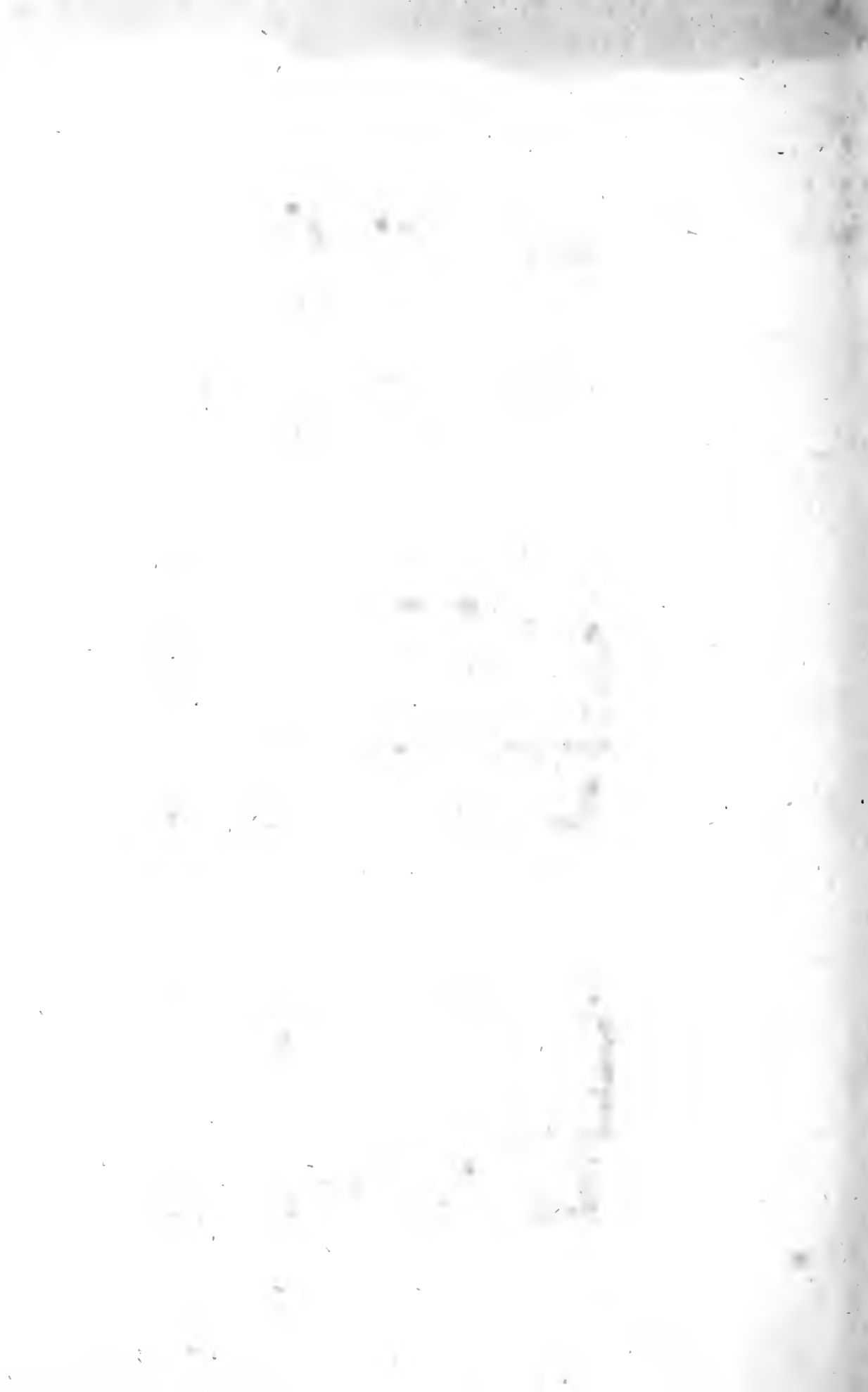
















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SPECIAL 9: P.
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